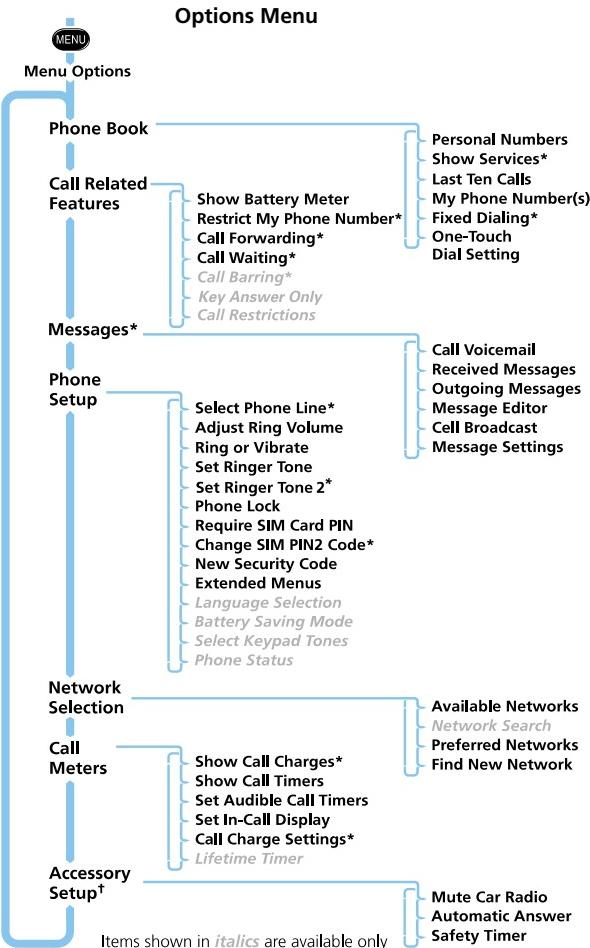
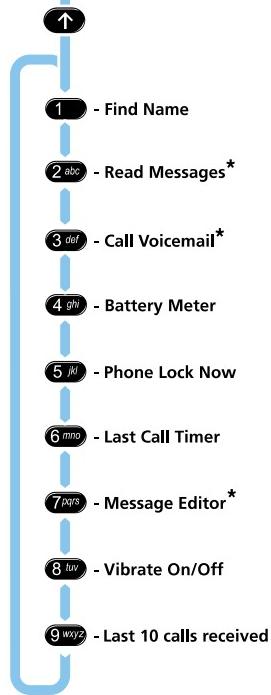


Quick Reference

Options Menu



Quick Access Menu [‡]



Menu Navigation



[‡]The features and positions of the features in the Quick Access Menu can be changed.

Quick Reference

Special Keys

- | | |
|-------|---|
| PWR | Turns phone on and off. |
| OK | Accepts call or selects menu option or setting. |
| STO | Stores numbers to phone or SIM memory. |
| RCL | Recalls numbers from phone or SIM memory. |
| ↑ | Accesses the Quick Access features. |
| MENU | Enters the Options menu. |
| C | Clears numbers or rejects call, setting, or option. |
| ◀* ▶# | Scroll through the menu features. |

Making a Call

Enter **Phone Number** then press **OK**.

Receiving a Call

Press **OK** or open the keypad cover.

Ending a Call

Press **OK** or close the keypad cover.

Making an Emergency Call

Enter **9_{wxyz}** **1** **1** **OK**.

Redialing the Last Number Called

- 1 Press **OK** to display the last number dialed.
- 2 Press **OK** to call the number.

One-Touch Dialing

Press and hold the appropriate digit key **1** to **9_{wxyz}**.

Storing Numbers in the Phone Book

- 1 Press **STO** to add an entry.
- 2 Press **OK** to select phone memory, or press **#▶** then **OK** to select SIM card memory.
- 3 Enter **Phone Number**, press **OK**, then **Name**, press **OK**, then **Location** and press **OK**.

Dialing Phone Book Numbers

Press **RCL** **Location** **OK**.

Quick Access Features

Press **↑** followed by the appropriate key (**1** to **9_{wxyz}**), or press **↑** and use **◀*** and **▶#** to scroll to the feature. Press **OK** to select.



Introduction



Congratulations on your purchase of a PCS telephone from *Motorola*, a world leader in wireless communications.

All *Motorola* PCS telephones are manufactured to exacting specifications and world-class quality standards, and are designed to withstand the rigors of the real world. Our commitment to Total Customer Satisfaction and over sixty-five years of experience in personal communications mean you can depend upon the quality of this *Motorola* product.

This telephone incorporates our **Personality™** interface. Unique to *Motorola*, the **Personality™** interface makes PCS communications easier by guiding you step-by-step through the features with simple choices. The **Personality™** features, identified in this manual with an **OK** symbol, also allow you to personalize the way you use your phone. You can choose different ringer tones, set call meters to alert you during calls at times you specify—even organize your phone's menu system to suit your use of it.

This PCS telephone has been designed for use with PCS 1900 networks. By using digital communications methods, your phone provides a number of advantages:

- Superior speech quality is attained with much less of the usual background noises and interference.
- Your conversation is encrypted for security. Encryption helps conversations from being eavesdropped on by scanning equipment.

Your subscriber number is not contained within the phone as with other systems. Instead, a 'Smart Card' known as a SIM (Subscriber Identity Module) can be supplied by your Service Provider. All call billing is made to the subscriber number on the card whether it is used in this or any other PCS handset unit.

! *Before you use your phone, please see the 'Your Battery' section for important information on charging a new battery.*

Understanding this Manual

Most of your phone's options are accessed through its simple menu system. Before moving on to the Options menu section, turn to **Menu Navigation** to learn the basics of navigating the menu system. When the manual describes the features, it will be assumed that you are familiar with the menu system.

Key Presses

Your phone's keys are represented in this manual with easily identifiable symbols, allowing you to follow the sequence simply. A sequence of key presses may be shown as follows:



This sequence indicates that you should first press and release the **MENU** key, followed by the **OK** key, and then the **C** key.

Multiple Key Presses

You will also see some symbols in this manual that are not keys on the phone. They represent multiple key presses. For example:

Phone No. - enter the required telephone number.

PIN Code - enter your Personal Identification Number.

Unlock Code - enter your unlock code.

Location - enter the Phone Book location number.

Prompts and Messages

When you press a key, you will see one of a couple responses. Your phone will display either an easy to understand prompt to guide you to the next step or a simple message to confirm that your action is complete. Prompts and messages are represented in this manual in LCD style. For example:

Enter PIN or Completed.

Other Symbols

You will find the following symbols used throughout this manual:

A Note provides additional information about the option/item.

A Caution contains important information relevant to the efficient and/or safe usage of your phone.

This symbol indicates that the feature is a **Personality™** feature that can be customized to meet your requirements.

This symbol indicates a shortcut for the option.

Contents

Safety

Important information for the efficient and safe operation of your phone 5



About Your Phone, Battery and SIM Card

Introduces your phone, explains how to charge and maintain batteries and explains SIM Card functionality 9



Making and Receiving Phone Calls

Explains how to call a number, how to redial and how to accept a call 17



Menu Navigation

Explains how to access and use the phone's menus 23



Using the Options Menu

Provides an explanation of the Options Menu and how to use it 27



Using the Quick Access Menu

Provides an explanation of the Quick Access Menu and how to use it 57



Accessories

Details the accessories available for use with your phone 61



What To Do If...

Helps you to solve any problems that may occur 63



Index

A comprehensive index 74



The Manufacturer reserves the right to make changes in technical and product specifications without prior notice.

Hand-Held Portable PCS Telephone



IMPORTANT

**Read this information before using
your PCS Telephone.**

Exposure To Radio Frequency Signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996 the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992)*

NCRP Report 86 (1986)*

ICNIRP (1996)*

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

*American National Standard Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

TIPS ON EFFICIENT OPERATION: For your phone to operate most efficiently:

- Extend your antenna fully.
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Batteries

Caution: All batteries can cause property damage, injury or burns if a conductive material, such as jewelry, keys or beaded chains, touches exposed terminals. The material may complete an electrical circuit and become quite hot. To protect against such unwanted current drain, exercise care in handling any charged battery, particularly when placing it inside your pocket, purse or other container with metal objects. Your batteries are packed with a protective battery cover. When the battery is detached from the phone, please use this cover for storing your battery when not in use.

Driving



Check the laws and regulations on the use of PCS and cellular telephones in the areas where you drive. Always obey them. Also, if using the phone while driving, please:

- Give full attention to driving -- driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned **ON**;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone **OFF** immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone **OFF** in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone **OFF** in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air.

Switch **OFF** your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your unit **OFF** when in a "blasting area" or in areas posted: "Turn off two-way radio".
Obey all signs and instructions.



Potentially Explosive Atmospheres

Turn your phone **OFF** when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. **DO NOT** place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.



About Your Phone, Battery and SIM Card



Special Keys

PWR

Turns the phone on and off.

OK

Accepts calls or selects menu settings or options.

STO

Stores numbers to phone or SIM memory.

RCL

Recalls numbers from phone or SIM memory.

↑

Enters the Quick Access menu.

MENU

Enters the Options menu.

C

Clears numbers or rejects calls, settings, or options.

◀, ▶, #

Scroll through the menu features.

The Keypad Cover

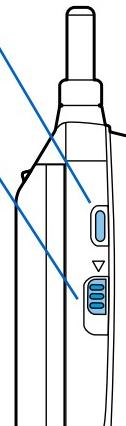
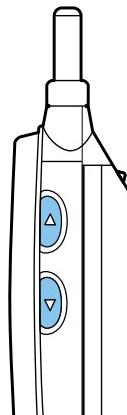
Open the keypad cover to answer a call. Close the cover to end a call.

The Mute Button

The Mute Button is the top button on the left hand side of your phone. Press it to switch privacy mute on and off during a call.

SIM Card Release

The SIM card release is the lower button on the left hand side of your phone. To remove the SIM card, slide this release down toward the base of the phone and pull the SIM card out.



Volume Buttons

The buttons on the right hand side of your phone adjust the earpiece, keypad tone, and ringer volume levels. Press the upper button to increase the volume and the lower button to decrease it. Either volume key can also be used to silence the ringer or vibrator during an incoming call alert.

The Display



The Liquid Crystal Display (LCD) on your phone can display up to four rows of twelve alphanumeric characters along with the following informative icons:



Characters are used to display messages and telephone numbers.



Battery Charge Indicator. The more segments displayed, the greater the battery charge.



Signal Strength. The more segments displayed in the bar graph, the better the signal strength.



In Use. Displayed when a call is in progress.



Roam. Displayed when you are registered on a system other than your home system.



Short Message Service. Displayed when the phone has received a new message. The symbol will flash when your message storage area is full.



Voicemail.* Displayed when you have a new voicemail message.



Icons are displayed when you are in the Quick Access menu.



A scroll bar will appear on the right of the display when you are in a list/menu. The button on the scroll bar indicates where you are in the list.



Indicates that a menu item is currently selected.

*Network dependent feature.

Low Temperature Use

The liquid crystal display screen used in your phone will behave differently at extremely low temperatures. You may notice that the display responds slowly to key presses; this is to be expected and does not affect the phone operation in any way.

Low Battery Warning

When the battery level is low and only a few minutes of talk-time remain, your phone will alert you in three ways:

- A warning signal (two double beeps) will sound
- The battery symbol will begin to flash slowly
- [Low Battery](#) will be displayed

When the battery is completely discharged, your phone will turn off. Simply install a fresh battery or recharge the exhausted battery to begin using your phone again.

Care and Storage

- Never leave your phone or battery in extreme temperatures (over 60°C), for example behind glass in very hot, direct sunlight.
- To clean your phone, use a moistened or antistatic cloth. Do **not** use a dry or electrostatically charged cloth.
- To prolong the life of your batteries, avoid exposing them to temperatures below -10°C (14°F) or above 45°C (113°F). (Please note that exposing Lithium Ion batteries to prolonged elevated temperatures, such as those that can develop in an enclosed vehicle, may permanently degrade battery performance.)

Your Battery

Charging a New Battery

To ensure maximum battery performance, it is recommended that a new battery (or battery that has not been used for several months) be charged for at least 14 hours before use.

¶ A new battery will require several full charge/discharge cycles in order to achieve its optimum performance.

¶ A new battery, or a battery that has not been used for several months, may cause a premature fully charged indication on the charger. Ignore this indication and let the battery charge for several more hours, remove then re-insert the battery into the charger, and charge for up to 14 hours.

After this initial charge, you can recharge your battery normally, using the phone's rapid travel charger.

¶ See the chart on the following page for charge times.

Important Battery Information

To ensure that you enjoy maximum battery life and use your battery to its fullest capacity:

- Always use Motorola approved battery chargers.
- For the best results, Li-Ion batteries should be charged using the E•P Desktop Charger.
- The battery should be at or near room temperature when charging.
- When not in use, store your battery uncharged in a cool, dark and dry place.

H Do not leave a NiCd or NiMH battery connected to any charger for longer than 24 hours.

Battery Performance and Maintenance

Your phone may have come with one or more of the following battery types. The talk-times and standby-times given are typical performance figures:

Battery Type ^a	Part Number	Talk-Time up to:	Standby-Time ^b :
Slim 560 mAh NiMH	SNN 4615	224 min.	48-59 hours
Slim 400 mAh Li-Ion	SNN 4555	163 min.	40-49 hours
Slim Extra Cap 900 mAh Li-Ion	SNN 4698	7 hours	3.5-4.5 days
Extra Capacity 1300 mAh NiMH	SNN 4258	8.5 hours	4.5-5.5 days
Extra Capacity 1200 mAh Li-Ion	SNN 4459	9 hours	5-6 days

a. The higher voltage of Li-Ion batteries, as compared to NiMH and NiCd, results in greater efficiencies for talk and standby times with this Motorola handset.

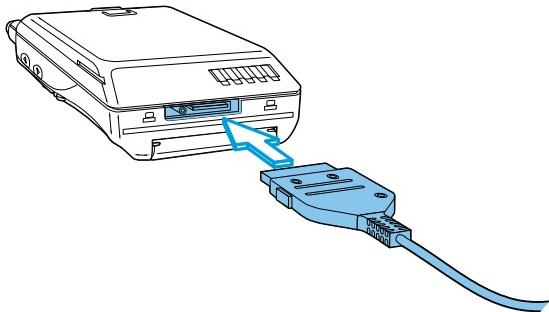
b. Standby times are specified for DRX=2 to DRX=9.

- Best battery performance will be achieved when you regularly charge and discharge batteries as instructed in this manual.
- Battery performance is greatly dependent on the strength of coverage of the PCS network.
- Set **Battery Saving Mode to On** (see 'Phone Setup Menu') and/or **Frequency of Search to Slow or Medium** (see 'Network Selection Menu') to extend the life of the battery between charges.
- Keep the antenna fully extended whenever possible to ensure maximum signal strength.
- Expected life of a battery is about 300-500 charge/discharge cycles.
- If left unused, a fully charged battery will discharge itself at about 1-2% per day on average.



Charging Your Battery While Traveling

Your travel charger can be connected directly to your phone for convenient rapid battery charging.



- 1 Fit the battery to your phone.
- 2 Connect the travel charger to the base of your phone (see diagram).
- 3 The phone automatically enters charging mode when the travel charger is attached. The  symbol flashes while the battery is being charged.

When the phone is charging and turned off, the charging status will be continuously displayed. Press   to display charging status while the phone is on.

When the battery is about 95% charged, the message **Fast Charge Complete** will be displayed and the  symbol will stop flashing.

 If the display is completely blank when the travel charger is connected, the battery is not being charged.

Typical charge times for achieving a 95% charge level using the Rapid travel charger are as follows:

Battery Type	Charge Time	Part Number
Slim 560 mAh NiMH	55 minutes	SNN 4615
Slim 400 mAh Li-Ion	4 hours	SNN 4555
Slim Extra Cap 900 mAh Li-Ion	4 hours	SNN 4698
Extra Capacity 1300 mAh NiMH	2 hours	SNN 4258
Extra Capacity 1200 mAh Li-Ion	4 hours	SNN 4459

 The battery will continue to slow charge until fully charged. Do not leave a NiCd or NiMH battery connected to the travel charger for more than 24 hours.

Desktop Charging of Your Battery

Typical charge times for achieving a 95% charge level using the optional E•P Desktop Charger accessory are as follow:

Battery Type	Charge Time	Part Number
Slim 560 mAh NiMH	1.5 hours	SNN 4615
Slim 400 mAh Li-Ion	4 hours	SNN 4555
Slim Extra Cap 900 mAh Li-Ion	4 hours	SNN 4698
Extra Capacity 1300 mAh NiMH	1.5 hours	SNN 4258
Extra Capacity 1200 mAh Li-Ion	4 hours	SNN 4459

 The battery will continue to slow charge until fully charged.

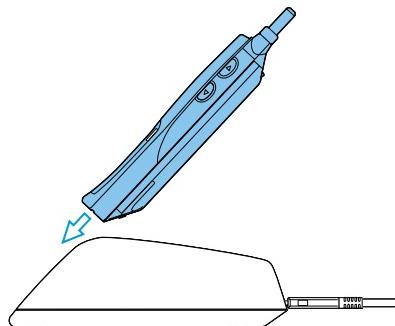
Desktop Charger Power Supply

The E•P Desktop Charger uses the travel charger as its wall adapter. The travel charger can be plugged into a 110V AC electrical outlet and the lead then plugged into the socket at the rear of the desktop charger.



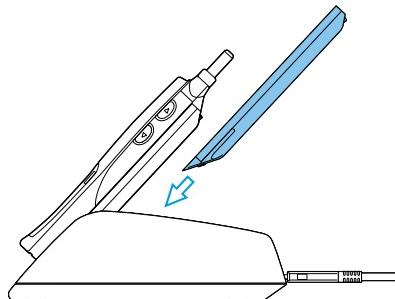
Inserting Your Phone into the Charger

Guide your phone, parallel to the long angled edge of the charger, into the front slot. The lower indicator will light up when the phone is fitted in the charger.



Inserting a Spare Battery into the Charger

If you wish to insert a spare battery to charge simultaneously with the battery attached to your phone, slide the battery into the rear slot, at the angle shown, until the upper indicator lights up.



 It is normal for batteries to become warm during charging.

Charger Indicators

The two sets of indicators on the front of the E•P Desktop Charger show the charging status. The lower indicators display the status for the front slot, while the upper indicators show charge status for the rear slot.

When both slots are charging batteries, the front slot will always charge first.

Each indicator consists of three colored LEDs:



As explained on the bottom of your E•P Desktop Charger, the approximate charge level is indicated as follows:



0% - 10%



10% - 50%



50% - 90%



90% - 95%



95%-100%



A rapid flashing of a red indicator shows a faulty battery that will not charge.



A rapid flashing of a yellow indicator shows the battery is out of temperature or voltage range. Rapid charge will automatically begin or continue when the battery is in range.



A slow flashing of the upper indicators shows that the front slot has priority. Charging will not begin until the front slot is 90% charged.

Using Your Phone While Charging

Your phone can be left on in standby mode while charging. Remember that talking on the phone requires energy, so charging will take longer if you make or receive calls.

! If the phone is on or in a call while charging, you can disconnect or remove it from the charger without losing power or the active call.

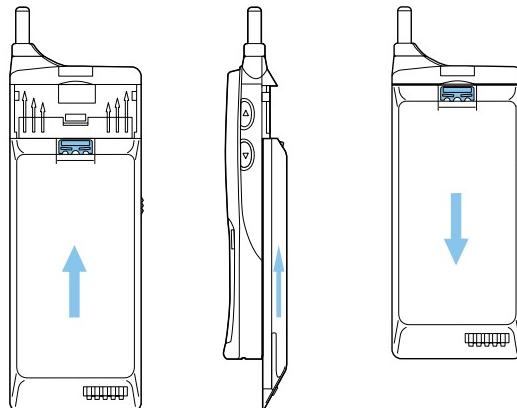
Battery Disposal

To dispose of batteries, look for your local battery recycling center.

! Never dispose of batteries in fire.

Fitting Your Battery

Place the battery onto the back of the phone just below the marked arrow indicators. Then slide the battery upwards on the phone's runners, until it locks into place.



! Do not slide the battery on from the bottom of the phone. Doing so may cause damage to the phone's battery contacts.

Removing Your Battery

Press the release catch inwards and simultaneously slide the battery downwards, until it stops. Then pull the battery away from the rear of the phone.

! Switch off your phone before removing the battery. Failure to do so may damage your phone memory.



Your SIM Card

Your credit card sized SIM (Subscriber Identity Module) card was supplied by your Service Provider when you bought your phone. You will not be able to make or receive calls if you do not have a SIM card inserted in your phone.

 *Some networks allow you to make 911 or 112 emergency calls without a SIM card inserted.*

Your SIM Card not only protects your phone from unauthorized use, but can also store over a hundred messages and Phone Book entries! The SIM Card is the key to accessing your personal cellular service. If you've left your phone behind, borrow a friend's. Just fit your SIM Card in the slot of your friend's phone and the calls will go on your account.

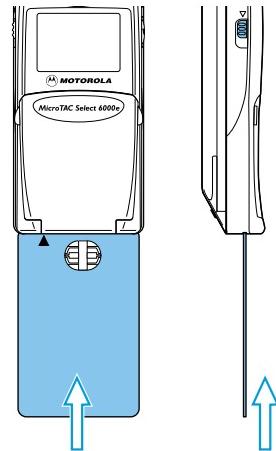
Like a bank or credit card, you should keep your SIM card in a secure place like your wallet when not in use. Do not bend or scratch your card and avoid exposure to static electricity or water.

 *The use of a plug-in SIM card or small SIM card adapter is not covered under warranty.*

 *Switch off your phone before inserting or removing the SIM card. Failure to do so may damage the memory on your SIM card.*

SIM Card Insertion

Switch off your phone by pressing the **PWR** key and insert the SIM card into the slot in the base of the phone, as shown.



If the SIM card is damaged or inserted incorrectly, [Check Card](#) may be displayed. Remove the SIM card, check that it is facing the right way, and then re-insert it into the phone.

If either of the [Bad Card See Supplier](#) or [Blocked See Supplier](#) messages are displayed, then you will need to contact your Service Provider.

SIM Card Removal

Switch off your phone and slide the release towards the base of the phone. Pull the SIM card out.

Making and Receiving Phone Calls

Switching the Phone On and Off

Simply press the **PWR** key to switch the phone on or off. When the phone turns on, you will see a greeting message. If the Vibracall™ alert is active, the phone will vibrate.

If you switch the phone on and there is no SIM card inserted, you will be asked to insert one. Once inserted, the phone will check that the SIM card is valid.

One of the following messages will then be displayed:

- **Enter PIN** - a request to enter the SIM card PIN Code (if required).
- **Enter Phone Unlock Code** - a request to enter the phone unlock code (if required).
- **Searching...** followed by a network name - as the phone searches and then finds a suitable network to connect to.

Entering Your SIM Card PIN Code

To enter the PIN Code, press **Pin Code** **OK**.

As you type in each digit of the PIN Code, a ***** character will be displayed.

If you make a mistake, you can press and release the **C** key to remove the last digit, or press and hold the **C** key to remove the entire entry.

Press the **OK** key when you finish entering the PIN Code.

If the PIN Code entered is incorrect, you will see the warning message **Wrong PIN**, followed by **Enter PIN**.

If the PIN number is entered incorrectly three times in a row, your phone will automatically lock-up and the Blocked message will be displayed. See 'Unlocking Your Phone' for details on unlocking your phone.

You can easily change the PIN Code. Just turn to 'Change SIM PIN Code' in the **Using the Options Menu** section for more details.

OK Entering Your Phone Unlock Code

If your phone is locked, you will see **Enter Phone Unlock Code**. Enter your unlock code by pressing **Unlock Code** **OK**.

Your phone unlock code is a four digit number which is set at manufacture to **1234**. The code can be changed; see 'Change Unlock Code' in the **Using the Options Menu** section for more details.

If you forget your phone unlock code, press the **MENU** key repeatedly until the display reads **Change Unlock Code**. Press **OK** **Security Code**, enter a new unlock code, and press **OK**.



Making a Phone Call

First make sure that the antenna is fully extended. Then switch the phone on and enter your unlock code if necessary.

It will not be possible to make a phone call unless you are in an area where there is a PCS service. When a PCS service has been found, a series of rising bars, , will show the signal strength.

You can make phone calls with any of the following methods:

- Enter the number with the digit keys then press **OK**.
- Redial the last number called.
- Use automatic redial.
- One-Touch Dial a Phone Book entry.
- Recall a Phone Book entry using **RCL** or the Options menu.
- Call an embedded number in a message.

 Your phone's internal phone book can be used to store names and telephone numbers. See the **Phone Book Menu** for further details.

The most familiar method of making a phone call is to enter the number with the digit keys, then press **OK**.

 If you make a mistake, press and release the **C** key to delete the last digit. Press and hold the **C** key to clear the entire number.

The display will show **Calling** while your phone attempts the call. If the call is not answered, press **OK** or close the keypad cover to end the attempt.

When the phone call is answered, the display will change to **Connected** for a few seconds, followed by **End Call?**

To end your call, press **OK** or close the keypad cover.

Automatic Redial

If your call attempt does not succeed, the message **Redial?** will be displayed for five seconds. Press **OK** to automatically redial the phone number.

When the call is connected, you will hear a short ring tone.

The maximum number of redial attempts is set by your Service Provider. If the phone call cannot be connected within this maximum, the message **Redial Failed** will be shown.

Redialing the Last Number Called

 When in standby mode, press **OK** **OK**.

You can also redial by using the 'Last Ten Calls' feature in the Phone Book menu.

OK One-Touch Dialing Phone Book Numbers

The quickest way to place a call is to use One-Touch Dialing. You can One-Touch Dial any of the numbers stored in the first nine locations of your Phone Book¹. Just press and hold the appropriate digit key. For example, pressing and holding **2_{abc}** will dial the phone number stored in location 2 of your Phone Book.

 You do not need to press **OK** to call the number.

OK Dialing Phone Book Numbers

 **Location** **# ▶** **OK**.

To recall a number from your phone's internal Phone Book:

1 Press **RCL** **Location**. For example **RCL** **2_{abc}** **3_{def}** will retrieve the phone number stored in location 23 of your Phone Book.

*If you don't know the exact location, you can enter a random location and then use the **◀*** and **# ▶** keys to scroll to the number you want.*

2 Press **OK** to call the number.

 Enter the full 3-digit location for maximum search speed (i.e. 001 for location 1).

1. The Phone Book entries that you are able to access will depend on the One-Touch Dial Setting option in the Phone Book menu.

Calling an Embedded Number in a Message

Details on how to call a number embedded in a message are given in the **Messages Menu** section.

International Phone Calls

Press and hold **0₀₀₀** to make an international phone call. After a couple of seconds, the international dialing prefix + will appear in the display. This allows you to call from any country without knowing the local international access code.

Now enter the country code, followed by the phone number. The country code follows the conventional format, 49 for Germany, 44 for the UK, 46 for Sweden, etc.

Inserting Pauses Into Phone Numbers

When you call automated systems, a recorded message prompts you for PIN numbers, account numbers, etc. You can store these numbers in the same memory location as the automated system's access number. Just separate the numbers with "pauses"—special characters that tell your phone to wait before sending additional numbers – and store or dial the string in the same way you would other numbers.

To insert a pause, just press and hold **◀*** for a couple of seconds. You will see the pause symbol **□**.

Pauses tell your phone to wait for three seconds before sending the next string of numbers. Your phone will not begin the three second delay for the first pause until the call is answered.

Pause - A Working Example.

If you had a tone-based voicemail system with an access number of 555-6911, a mailbox number of 1066, and a password of 2001, you could enter the following:

5556911•1066•2001 **OK**.

Your phone would dial **5556911**. When the call was answered, your phone would wait three seconds before sending the tones for **1066** to select the mailbox.

After another pause of three seconds, your phone would send the tones for the password **2001**.



Emergency Calls

When you dial 911, your phone will automatically send an emergency message to your PCS network. Keep in mind that you must be within a PCS network coverage area. The emergency message can be sent with or without a SIM Card inserted into the phone and regardless of any security code settings.

Please check with your network operator for further information regarding emergency dialing services.

To dial the PCS emergency number, press

9 wxyz 1 1 OK.

While the emergency call is being made and connected, the display will show **Emergency**.

☞ You may also be able to dial 112, the international emergency number, to place emergency calls.

Receiving a Phone Call

To receive a phone call:

- Your phone must be switched on and unlocked.
- You must be in an area with PCS service.
- Your Call Forward and Call Barring settings should not be set to forward or bar incoming calls.

When your phone receives a call, it will ring or vibrate and the display will show **Answer?** If you have Caller Line Identification service, the caller's number will be displayed.

As a CLI subscriber, if a phone number match is found in your phone book or SIM memory, the phone will display the "name" (or alpha entry) of the incoming caller.

It is possible that the Phone Book lookup may take a few seconds, particularly if both the SIM and Phone Book have many entries.

Answering a Phone Call

Press **OK** or open the keypad cover (unless 'Key Answer Only' is turned on) to answer a call. If the signal strength is weak, make sure that your antenna is fully extended.

If you receive a call that you do not wish to answer and the keypad cover is already open, you may:

Press and release **c**. If you have enabled the 'Detailed Forward - If Busy' option in the Options Menu, the caller will be forwarded to the designated number. Otherwise the caller will hear a busy tone.

or

Press and hold **c**. This will reject the incoming call. No call forward option will be offered.

If your phone rings and you do not answer it, the message **Unanswered Call** will be displayed.

Ending a Phone Call

Press **OK** or close the keypad cover to end a call.



Conference Calling

With conference calling, you can join up to five other parties to create a group call.

 Conference calling is a network feature. Please contact your service provider for availability information.

Setting up a Conference Call

To initiate a conference call, simply place or receive a call as you would normally. Once the call is established, press **MENU** and scroll until **Make New Call** is displayed. Press **OK** to select.

You will then be prompted for the number of the next party. You can either dial directly from the keypad or recall a number from your Phone Book via the Quick Access menu.

The original call will automatically be placed on hold while you make the new call. Once the new call is established, you can join the calls together by pressing **MENU** and selecting 'Conference Call.'

You may also add incoming calls by answering Call Waiting and selecting 'Conference Call' as described above.

Simply repeat these steps to include additional calls.



Separating Individual Calls

If you need to speak with an individual caller privately, you can isolate one call from the conference call.

 In order to separate a call from the group, there must not be any calls already on hold.

To isolate the call, press **MENU** and select 'Split Call.' You will then be able to scroll through the phone numbers (and names, if available) of all the members of the conference calls to separate out the call. Once you find the desired party, press **OK** to separate out that call.

To re-join the group, select 'Conference Call' again.

Ending the Call

Close the keypad cover to end all calls simultaneously.

Press **MENU** then scroll to either 'End Active Call' to disconnect your live call or 'End Held Call' to disconnect either an individual or the remaining group on hold.

Menu Navigation

Introduction to Menus

Many of your phone's options are accessed by using menus that have methods in common for selection, change and cancellation.

Please read this section carefully before moving on to the Options menu sections. When you understand the common approach to menu navigation and how the menus are shown on the page, you will be able to access and change options with ease.

The menus described here can only be accessed when the phone is in standby mode. Menu operation is not possible when you are making or answering a phone call.

Entering the Menus

Two keys are used to access the two menus:

 enters the Options Menu

 enters the Quick Access Menu

Leaving the Menus

To exit any of the menus, you can either press and hold  or repeatedly press . Both of these actions will return your phone to standby mode.

 A quick way to leave the menus is to press  .

Menus and Sub-Menus

A menu is a simple list of options. Some of these options provide access to a further list of options called a sub-menu. When navigating through the menus, you may find it helpful to think in terms of menu levels - the 'parent' menu being on one level and its sub-menus being on a lower level.

Moving to and Selecting a Menu Option

Press  to scroll forward through options and press  to scroll backwards through options. Press  when you find the option you want.

Depending on the option you select, one of three things will happen:

- Either a brief message will be displayed confirming an action, for example [Completed](#)
- Or a prompt will be displayed requesting you to enter information, for example [Enter PIN](#) or [Enter Name](#)
- Or the first option of a sub-menu will be displayed. You can select this option using  or browse through the other options using  and .

Press  to exit an option or sub-menu. This will take you back to the parent menu item.

Menu Options with Security Codes

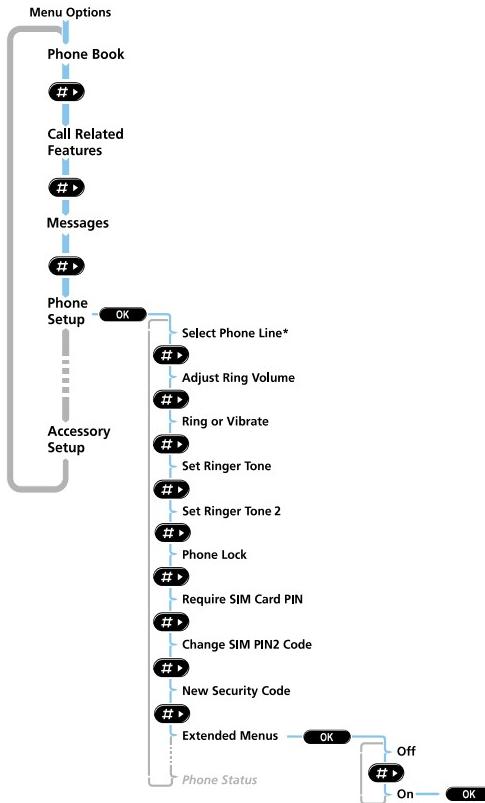
Some options require a security code to safeguard against misuse. Just enter the requested code to gain access to the protected option.



Menu Navigation - A Working Example

First make sure that the phone is in standby mode, then try the following sequence as an example of menu navigation. To turn Extended Menus **On** or **Off**:

- 1 Press **MENU** twice. You will see the first item, **Phone Book**.
- 2 Press **#>** repeatedly until **Phone Setup** appears.
- 3 Press **OK** to select the **Phone Setup** sub-menu. The display will now show the **Adjust Ring Volume** menu option.
- 4 Press **#>** repeatedly until **Extended Menus** appears.
- 5 Press **OK** to select this item. You can now select between **On** or **Off**. The current setting will be shown with a **/** character.
- 6 If the **/** character is next to **Off**, press **#>** and then **OK** to switch on the Extended Menus. If the **/** character is next to **On**, press **C** to leave the setting as it is.



*Appears if Alternate Line Service is enabled by your Service provider.

Short, Extended and Personalized Menus

With the **Personality™** interface, you can personalize your phone's menus by choosing which features you want readily available. If you move the options that you don't often use to the extended menu, you can turn extended menus off to hide the option. That way the options that you frequently use will be all the more accessible on the short menu.

The menu diagrams in this manual show the menu setup when you first receive your phone.

- The default short menu items are shown in **bold** type in this manual.
- The default extended menu items are shown in *italics* in this manual.

Moving an option from the extended menu to the short menu (or vice versa) is easy. Just locate the option that you want to move, then press and hold  until a prompt appears offering the following choices:

For items in the short menu:

- Remove from Short
- Leave in Short

For items in the long (extended) menu:

- Add to Short
- Leave in Long

Select the option you want by pressing the .

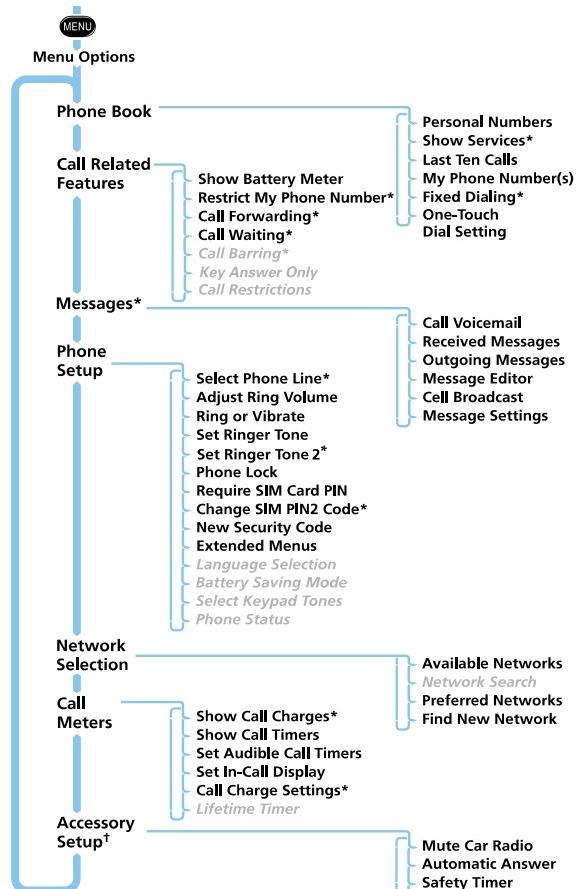
 *The settings for some menu features cannot be changed.*



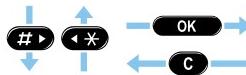


26 Menu Navigation

Using the Options Menu



Menu Navigation



Items shown in *italics* are available only when **Extended Menus** are switched on.

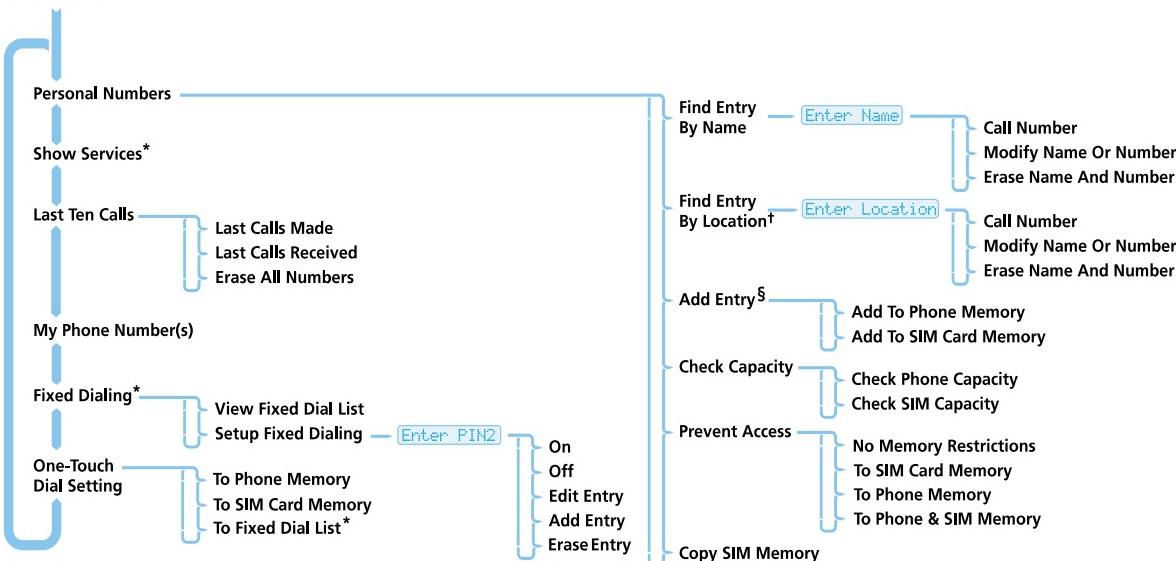
†The **Accessory Setup** option is available only when a car kit is fitted.

* Network dependent feature.

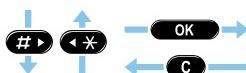


Phone Book Menu

Phone Book



Menu Navigation



§ Pressing **STO** automatically routes you to the "Add Entry" sub-menu.

† Pressing **RCL**, followed by an entry location allows you to quickly retrieve and dial a number.

* Network dependent option.

The Phone Book Menu

You can store names along with telephone numbers in your phone's internal Phone Book. Each entry is stored in a memory location in the *Personal Numbers* list of your phone's or SIM card's memory. Once stored, a number can be quickly retrieved by either memory location or name.

Your phone's memory can store up to 100 entries and the SIM card can store up to 155 entries. The exact capacity of the SIM card depends on the type of SIM card issued by your Service Provider.

Each Phone Book entry is composed of the following:

- A telephone number of up to 32 digits in phone memory locations and up to 20 digits in SIM card locations.
- A name of up to 16 characters in phone memory locations and up to 50 characters in SIM card locations, but typically 10 or less.
- A location number from 1 to 255.

To access the Phone Book menu, press ■ MENU twice. You will see **Phone Book**. Press ■ OK to display the **Personal Numbers** menu item. Use the navigation keys ■ # ▶, ■ ▲ ▾, ■ OK and ■ C to select the Phone Book option you wish to use. You can also access many of the Phone Book functions with the Quick Access menu or dedicated Store and Recall keys (■ STO ■ RCL).

Postscripting

If you often dial the same prefix, you can save time dialing by storing that prefix in the internal Phone Book.

To use postscripting, just select the Phone Book entry containing the prefix, enter the rest of the number, and press ■ OK to place the call.

You can also use postscripting to quickly modify a similar number in your Phone Book to place a call to a new number. Just retrieve the similar number from the Phone Book, delete the unwanted digits, and enter the replacements.

☞ Postscripting a number does not overwrite the entry in the Phone Book.

How to Enter Alphabetic Characters

When storing names in the Phone Book or creating text messages, you can use ■ 0 opr , ■ 1 , ..., ■ 8 luv and ■ 9 wxyz to produce any letter in the alphabet.

For example, if you press ■ 5 jkl when you are prompted for an alpha character, the first displayed character will be ■ J. Press ■ 5 jkl again to produce a ■ K. Another press will produce a ■ L; and another press a ■ 5. Simply use the letters on the digit keys as a guide.

Press and hold any key to toggle between upper and lower case.

Press the appropriate key to enter the next character. If the next character is on the same key as the previous character, press ■ # ▶ to advance the cursor.

Press ■ # ▶ twice to produce a space.

If you make a mistake, you can go back to the incorrect character by pressing ■ ▲ ▾ .

To remove a character from the display, position the cursor (|) to the right of the character, then press ■ C .

Press ■ OK to store the information.





Available Characters

Press the appropriate keys to get the following characters:

1	1 Space . ? ! , @ _ & : " () ? % \$ € ¡
2 abc	1 Space . ? ! , @ _ & : " () ? % \$ € ¡ A B C 2 à ç a b c 2 à ç
3 def	D E F 3 è ê d e f 3 è ê
4 ghi	G H I 4 i g h i 4 i
5 jkl	J K L 5 j k l 5
6 mno	M N O 6 ñ ö m n o 6 ñ ö
7 pqrs	P Q R S 7 P q r s 7
8 tuv	T U V 8 ù ú t u v 8 ù ú
9 wxyz	W X Y Z 9 w x y z 9
0 opr	0+ - × * / = > < # 0+ - × * / = > < #

The top line(s) for each key show the upper case characters; the lower line(s) show the lower case.

Personal Numbers

With the Personal Numbers sub-menu, you can create, access, and manage your list of personal numbers.

Find Entry By Name

Press **OK** **↑ 1**.

You can use this option to select a telephone number from a list of alphabetically sorted Phone Book names.

Once selected, you will see **Enter Name**. Enter the first three characters of the name. You do not need to enter all three characters, but a longer entry will result in a more accurate search. You will see the first matching entry in the Phone Book.

If there is no name in your Phone Book matching your entry, your phone will display the closest entry.

If you press **OK** without entering characters, you will see the first entry in the alphabet.

If there are no names stored, you will see **No Names Stored**.

You can scroll through the Phone Book in alphabetical order by pressing **◀ *** and **# ▶**. When the desired name is displayed, press **OK** to select it. The phone will now enter the 'Call Number,' 'Modify Name Or Number,' or 'Erase Name And Number' options sub-menu.

When using **↑ 1** to find an entry by name, pressing **OK** will automatically dial the number and you will not enter the submenu.

Find Entry By Location

 Press  Location.

Use this option to find a telephone number by its memory location number.

Once selected, you will see [Enter Location](#). Enter the location number of the entry. If the entered location is not within the range of possible locations, a timed message [Range 1-XXX](#) will display for a few seconds; then the phone will return to the [Enter Location](#) menu item.

If you enter a location number with no entry, you will see [Location XY Empty](#), followed by the entry for the next highest location number.

If you choose an available and occupied memory location, you will see the entry for the location selected.

If you press  without entering a location number, you will see the entry for the lowest memory location number.

If there are no numbers stored, [No Numbers Stored](#) will be displayed.

Press  and  to scroll through the Phone Book in order of the memory location numbers. Press  to select when you see the desired Phone Book entry. The phone will now enter the 'Call Number,' 'Modify Name Or Number,' or 'Erase Name And Number' options sub-menu.

 When using the  key, you must enter a location number. For maximum search speed, enter the full 3-digit location. For example, enter 001 for location 1.

 When using  Location, pressing  will automatically dial the number and you will not enter the submenu.

Call Number, Modify Name Or Number or Erase Name And Number Options

When you select a Phone Book entry from the Options menu, you have the following options:

Call Number

You can use this option to call the number stored in the selected Phone Book entry.

Modify Name Or Number

Edit the selected Phone Book entry with this option.

The entry's current telephone number and name will be presented, in turn, for modification. Press  when you are finished modifying each aspect of the entry.

Erase Name And Number

You can use this option to erase the selected Phone Book entry.

Simply press  when the phone displays the message [Erase Name And Number](#). The option will display the timed message [Erased XXX](#) and then return to the [Find Entry](#) menu option.

Add Entry

Add (store) entries to the Phone Book with this option. You can choose to add the new entry to either the phone or SIM card memory locations.

Add To Phone Memory, Add To SIM Card Memory

 Press  to enter Add Entry submenu.

Press  to toggle between [Add to Phone Memory](#) and [Add to SIM Memory](#). Press  to select the displayed option.

When you select a memory type, you will see **Enter Number**. Enter the number to be stored and press **OK**. You will see **Enter Name**. Enter the name and press **OK**. Finally you will be asked to enter a memory location. To choose the next available memory location, simply press **OK**. Or, enter the desired location number.

☞ *The last telephone number displayed will be presented by default. It can be used or discarded as required.*

☞ *To discard a number, press and hold **C**.*

If the entered location is not valid, a timed message **Range YYY-ZZZ** will be displayed and the phone will return to the **Enter Location** prompt. If the chosen location is already occupied, you will be asked if you wish to overwrite the old information.

When the new entry has been entered, a timed message **Stored XXX** will be displayed and the phone will return to the 'Add Entry' submenu option.

Check Capacity

You can use this option to check the number of free Phone Book entries in the phone or SIM card memory areas.

Check Phone Capacity, Check SIM Capacity

Once selected, a timed message **XX Unused Locations** displays the requested information. The phone will return to the **Check Capacity** menu item.

Prevent Access

This option enables you to prevent access to the Personal Numbers list.

To SIM Card Memory, To Phone Memory, To Phone & SIM Memory, No Memory Restrictions

You can prevent access to all entries in the SIM card memory, the phone memory or both the phone and SIM card memory. To cancel all access restrictions, use the **No Memory Restrictions** option.

When you change the restrictions, you will be requested to enter the Security Code before the change is made.

Copy SIM Memory

If you change SIM Cards, you can use this option to copy the Phone Book memory of one Smart Card to another. Just follow the easy phone prompts.

Show Services

Choosing this option allows you to view and dial numbers from a list created by your Service Provider.

☞ *Show services may not be available in all areas. Contact your Service Provider for details on service availability.*

Last Ten Calls

Last Calls Made and Last Calls Received give you access to the ten most recent numbers both dialed and received on your phone.

Once the option has been selected, use **<*** and **#>** to scroll through the list of phone numbers. Press **OK** to call the displayed number.

☞ *You can use postscripting to modify a number once you have retrieved it from either of the Last Ten Calls lists.*



Last Calls Made

Press **OK** and **◀*** or **#** to view the Last Ten Calls Made list.

This option can be used to redial the phone number of any one of the last ten calls made.

Last Calls Received

↑ **9 wxyz** to enter the Last Ten Calls Received list.

This option can be used to redial the phone number of any one of the last ten calls received.

You will only see numbers in the Last Calls Received list if you have Caller Line Identification.

Erase All Numbers

This option erases all the numbers stored in your Last Ten Calls Made and Last Ten Calls Received lists.

My Phone Number(s)

Press **FCL** **#** to display your phone number.

This option allows you to access your phone, fax, and data numbers so that you can retrieve or modify them when required.

The My Phone Number(s) list is stored on your SIM card.

When you select this item, the first location will be displayed.

Press **◀*** and **#** to scroll through the phone numbers stored.

To enter or change a number, scroll to the location and press **OK**.

You will be prompted to enter a phone number and then a name (10-character maximum). Press **OK** to store the information.

Depending on your Service Provider, you may find that one or more of the entries in the My Phone Number(s) list are already defined. You may not be able to change these predefined entries.

Fixed Dialing

Availability of the Fixed Dialing menu is dependent on your Service Provider and on the type of SIM card.

Control outgoing calls on your phone by setting up a Fixed Dial list. You can restrict calls to certain telephone numbers, country codes, area codes, or other prefixes or exchanges of your choosing.

When Fixed Dialing is switched **On**, your phone will only allow calls to numbers (or numbers with prefixes) on your Fixed Dial list. If you attempt to dial any other number, you will see **Restricted**. Your phone will still place emergency calls, but you will not be able to make fax or data calls.

To make a call when Fixed Dialing is switched **On**, either dial the number manually, or select it from the Fixed Dial list and press **OK**.

The number of entries that can be stored in the Fixed Dial List is dependent on your SIM card.

This option may be affected by the Call Barring setting.

View Fixed Dial List

Use this option to scroll through the numbers in the Fixed Dial list. When you find the number you want, press **OK** to make the call.

Setup Fixed Dialing

Allows you to switch Fixed Dialing **On** or **Off** and to enter or change entries in the Fixed Dial list.

You will be prompted to enter your PIN2 security code when you select this option.

On

Switches fixed dialing **On**.

Off

Switches fixed dialing **Off**.

Edit Entry

Modifies or clears an entry in the Fixed Dial list. When you select this option, the first occupied location in the list will be displayed. Scroll to the entry you want to change and press **OK**. You will be prompted to edit the phone number and the name. To erase the entry, press **C**.

Add Entry

Adds a phone number and name to the Fixed Dial list. When you select this option, you will be prompted to enter the phone number, name, and a location number. If you do not specify a location number, it will be stored in the next available location.

i When setting up your Fixed Dial list, you may want to reserve the first nine locations for phone numbers you wish to One-Touch Dial. See also 'One-Touch Dial Setting'.

Erase Entry

Erases a phone number and name from the Fixed Dial list. The first entry will be displayed. Scroll to the entry you wish to delete and press **OK**.

One-Touch Dial Setting

This option allows you to specify which Phone Book list can be One-Touch Dialed.

To Phone Memory

Switches One-Touch Dialing to your Personal Numbers list stored in phone memory (locations 1 to 9).

To SIM Memory

Switches One-Touch Dialing to your Personal Numbers list stored on your SIM card (locations 101 to 109).

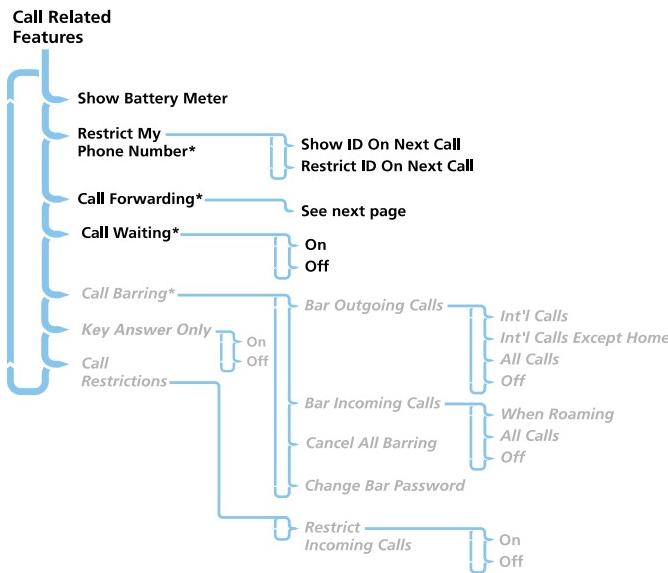
To Fixed Dial list

i This option is only available if you have Fixed Dialing.

Switches One-Touch Dialing to your Fixed Dial list (locations 1 to 9).



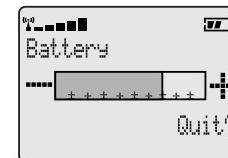
Call Related Features Menu



Show Battery Meter



This option displays the approximate amount of battery capacity remaining, for example:



Number of Bars	Approximate Charge Level
1	less than 5% (recharging needed)
3	less than 20%
5	less than 50%
7	greater than 50%

Menu Navigation



*Network dependent feature.



Restrict My Phone Number

'Restrict My Phone Number' is a network dependent option. You will need to subscribe to one of the two Caller Line Identification restriction features with your Service Provider.

Show ID On Next Call

Your phone number will be sent with the next attempted call only and not with succeeding calls, until you reselect this option.

Restrict ID On Next Call

Your phone number will not be sent with the next attempted call but will be sent with succeeding calls, until you reselect this option.

Please note that dialing from the "Last 10 Calls Made" list will utilize the original call restrict setting.



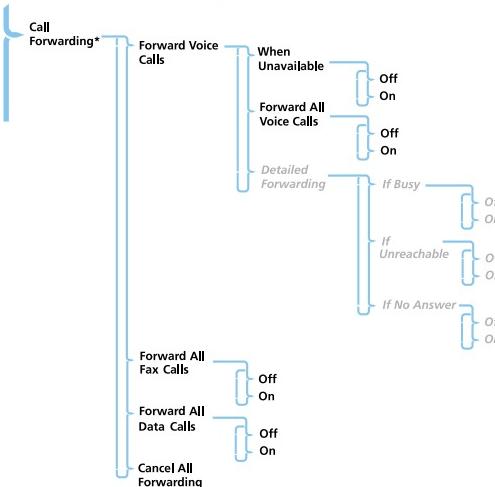
Menu Navigation



Items shown in *italics* are available only when **Extended Menus** are switched on.

* Network dependent feature.

OK Call Forwarding



If you subscribe to call forwarding through your Service Provider, you can separate fax or data calls from voice calls, route all calls to wherever you may be, or forward calls when you can not be reached.

This option can be used to:

- Forward all incoming calls unconditionally
- Forward incoming calls whenever your phone is unavailable, busy, unreachable or not answered
- Forward incoming Fax calls
- Reset all forwarding options to off

After selecting any of the call forwarding options, there will be a short delay while the phone asks the network for the current setting.

☞ You cannot change the call forwarding settings when you are out of PCS coverage.

Forward Voice Calls

This option will allow you to set your phone to select either *When Unavailable* or *Forward All Voice Calls*.

When Unavailable

Use this option to forward all incoming calls to a single number, whenever your phone is unavailable.

The option has two settings, **On** or **Off**.

If you change the setting to **On**, you will be asked to enter a forwarding phone number using the digit keys.

☞ When **On**, *Forward When Unavailable* takes priority over detailed forwarding settings.

Forward All Voice Calls

Use this option to *unconditionally* forward all incoming voice calls to a single number.

The option has two settings, **On** or **Off**.

If you change the setting to **On**, you will be asked to enter a forwarding phone number using the digit keys.

☞ When **On**, *Forward All Voice Calls* takes priority over all other forwarding settings.

Detailed Forwarding

You can use Detailed Forwarding to be sure you do not miss any calls when your phone is busy, unreachable, or not answered.

Each option has two settings, **On** or **Off**.

If you change the setting to **On**, you will be asked to enter a forwarding phone number.

☞ Detailed forwarding settings are ignored while *Forward All Calls* or *Forward When Unavailable* are **On**.

If Busy

This option will forward incoming calls if your phone is busy.

If Unreachable

This option will forward incoming calls if your phone cannot be contacted by the network.

If No Answer

This option will forward incoming calls if you do not answer the call.

Forward All Fax Calls

Use this option to forward all fax calls to a single number.

The option has two settings, **On** or **Off**.

If you change the setting to **On**, you will be asked to enter a forwarding phone number using the digit keys.

Forward All Data Calls

Use this option to forward all data calls to a single number.

The option has two settings, **On** or **Off**.

If you change the setting to **On**, you will be asked to enter a forwarding phone number using the digit keys.

Cancel All Forwarding

Use this option to cancel the forwarding of incoming calls.

H *This option resets all forwarding settings to Off and removes all forwarding numbers.*

OK Call Holding and Call Waiting

Your phone supports the PCS network options of Call Holding and Call Waiting. Using these options you can place a current phone call on hold and accept an incoming call or start a second call.

The Call Waiting menu item has two settings, **On** or **Off**. If you select **Off**, you will not be notified of waiting calls. The person trying to contact you will either receive a busy tone or be forwarded by the 'Detailed Forwarding - If Busy' option.

Call Waiting

If Call Waiting is **On**, you will be notified of an incoming call by an audible alert and by the message **Call Waiting - Answer?**

- To accept the incoming call, press **OK**. The other caller will automatically be placed on hold.
- To reject the incoming call, press **C** or press **MENU** and select the **Reject Call Waiting** option.

If you would like to end the active call first, press **MENU** and select **End Active Call?** The phone will then ring and can be answered normally.

H *If you have CLI, the caller's information will be displayed instead of the call waiting message.*

Call Holding

If you would like to put an active call on hold to make another call, press **MENU** and select the **Call Hold** option. Then press **MENU** again and select the **Make New Call** option.

- To end a held call, press **MENU** and select the **End Held Call** option.

Switching between calls

Pressing **OK** will automatically switch you between the active and held calls. The other caller will automatically be placed on hold.

H *Closing the keypad cover will end both the active and the held calls.*

Call Holding and Call Waiting Messages

During Call Holding and/or Call Waiting operations, your phone may display one or more of the following messages:

Trying

A request to hold the active call or swap the active call with a held call has been made.

or

A request to reconnect the held call has been made.

Hold Failed

The request to hold a call has been unsuccessful.

Cannot Hold Second Call

A call is already on hold; you cannot place two calls on hold at the same time.

Reconnect Failed

The held call could not be made active again.

Busy Try Later

Your phone is still working on a previous command. Wait a short time before repeating the command.

Anonymous

The person who is calling you has blocked their number from appearing on your phone.

Unavailable

The network is unable to provide the caller's number.

OK Call Barring

Call barring is a network dependent option which can be used to selectively bar outgoing and incoming calls.

If you change the barring setting, you may be asked to enter your barring password. There will be a short delay while the phone notifies the network of the new setting. When the change has been made by the network, the phone will display a confirmation message.

The *initial* password will be supplied to you by your Service Provider when you subscribe to this service.

Bar Outgoing Calls

After selecting this option, there will be a short delay while the phone asks the network for the current setting.

Int'l Calls

Bars outgoing international calls.

Int'l Calls Except Home

Bars outgoing international calls, except those to your home country.

All Calls

Bars all outgoing calls, except emergency calls.

Off

Disables all call barring for outgoing calls.

Bar Incoming Calls

After selecting this option, there will be a short delay while the phone asks the network for the current setting.

When Roaming

Bars incoming calls when you are outside your home service.

This option can be useful to avoid the surcharge applied by some Service Providers for receiving calls while roaming.

All Calls

Bars all incoming calls.

Off

Disables all call barring for incoming calls.

Change Bar Password

This option can be used to change the call barring password.

After selecting this option, you will be asked to enter the current password.

You will then be asked to enter and then re-enter your new **4-digit** barring password. When the change has been made by the network, the phone will display a confirmation message.

Key Answer Only

The option has two options, **On** or **Off**.

When set to **On**, this option allows the keypad cover to be opened without answering an incoming call. This means that if your network supports Caller Line Identification, you will be able to view the number or name of the person who is calling you before deciding whether or not to answer it. The call can be answered by pressing an appropriate key (**OK**, **1** to **9 wxyz**, **2*** or **#>**). To reject the call, press **c**.

When set to **Off**, opening the keypad cover answers an incoming call.

Call Restrictions

If you do not subscribe to Call Barring, you can use this option to limit incoming calls.

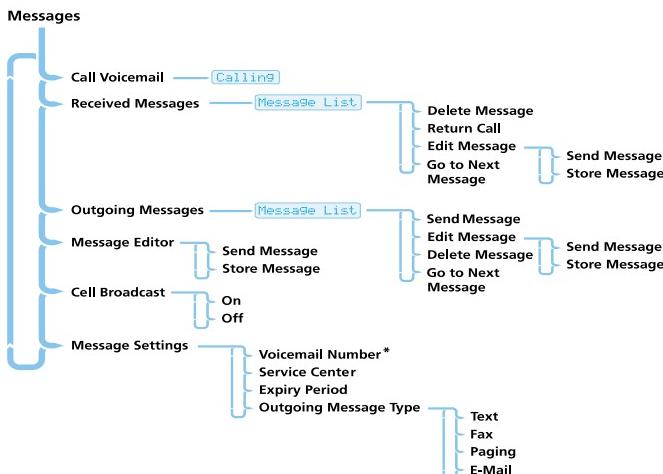
Incoming Calls

This option can be used to restrict all incoming calls.

The option has two settings, **On** or **Off**.



Messages Menu



Your phone supports the two optional PCS network message features: Short Message Services (SMS) and Cell Broadcast.

SMS Messages

These are text messages that are sent specifically to and from your phone number. All SMS messages are stored on your SIM Card. The amount of storage space is determined by your Service Provider and is shared between outgoing and incoming messages.

When an SMS message is received, your phone:

- 1 Makes three short alert tones (depending on the 'Ring or Vibrate' Setting).
- 2 Displays the (messages) icon.
- 3 Stores the message for later viewing, if there is space. If there is not enough space, the icon will flash. One or more messages must be removed before the message can be stored.

Your Service Provider may transmit a message for a limited amount of time. If a memory location is not made available before the message is removed from the network, then you will not be able to receive or read it.

Cell Broadcast Messages

These are general messages broadcast to a group of phones and can only be received when your phone is in standby mode.

These messages are broadcast in numbered 'channels' and, in general, each channel will tend to carry one particular type of information.



*Network dependent feature.

Typical cell broadcast channels have information on local weather conditions, traffic reports or stock market prices. Please contact your network operator for a list and description of available channels and the information they supply.

When a message has scrolled across the display, the beginning of the message will be shown until you either remove it or a new message arrives.

How to Read SMS Messages

You can press **◀ *** and **# ▶** to scroll through messages in either the Received Messages or Outgoing Messages lists.

To display a specific message, enter the message number. For example, press **5 #** to display the 5th message. If the message does not exist, **Invalid Msg Number** will be displayed.

To display the next message, press **OK** and select **Go To Next Message**.

How to Create and Edit SMS Messages

Use the *Message Editor* to create or modify text messages. When you enter the editor, the last message that was edited will be displayed. Press and hold **C** to clear the message and start a new one, or modify the message displayed. For an explanation of how to enter text, see 'How to Enter Alphabetic Characters' in the **Phone Book Menu** section.

Press **OK** once you have completed your message. You will then be presented with the following options:

Send Message - If you select this option, you will be prompted for a phone number, enter the number and then press **OK** to send the message.

Dialing prefixes and area codes may be required.

Store Message - Select this option to store your edited message in your Outgoing Messages list.

If you don't store the message after it has been edited, you will lose all your changes as soon as you select another message to be edited.

OK Call Voicemail



Once selected, this option will leave the Messages menu and automatically make a phone call to your subscription voicemail number. The display will show **Calling** and standard call operations can be performed.

The voicemail phone number can be entered by selecting the 'Voicemail Number' option in the 'Message Settings' sub-menu.

Received Messages



to access **Read Messages**.

You can use this option to view and manage any SMS messages that have been sent to your phone number.

When selected, this option will display a message indicating the total number of messages and how many of these are new. If there are no messages, **No Messages** will be displayed.

If there are messages, the new messages will be displayed first, followed by the old. Repeated presses of **# ▶** will display the entire message, the time it was sent, and the phone number of the sender (if available).

Once you have read a new message it will automatically become old.

See 'How to Read SMS Messages' for more information on navigating through the messages.

Press **OK** when viewing any message to enter the 'Delete Message,' 'Return Call,' 'Edit Message,' and 'Go to Next Message' sub-menu.

Delete Message

This option will delete the currently viewed message

Return Call

This option can be used to call the person who sent you the message (if the number has been included by the network) or a number that has been included in quotes (" ") in the message.

Edit Message

This option allows you to use the Message Editor to edit the selected message and then to send the modified message and/or store it in your Outgoing Messages list. See 'How to Create and Edit SMS Messages' for more information on using the Message Editor.

Go to Next Message

This option will display the next received message.

If you are currently reading the last message in your list, then this option will take you back to the top of the list.

Outgoing Messages

You can use this option to view and manage your outgoing messages. These messages will be stored on your SIM card. When you select this option, the total number of messages will be

displayed followed by the first message in the list.

☞ You cannot send an outgoing message until the Message Service Center number has been set. See 'Message Settings'.

Press **OK** when viewing any message to enter the 'Send Message,' 'Edit Message,' 'Delete Message,' and 'Go to Next Message' sub-menu. See 'How to Read SMS Messages' for more information on navigating through the messages.

Send Message

If you select this option, you will be prompted for a phone number. Enter the number and then press **OK** to send the message.

Edit Message

This option allows you to use the Message Editor to edit the selected message and then to send the modified message and/or store it in your Outgoing Messages list. See 'How to Create and Edit SMS Messages' for more information on using the Message Editor.

Delete Message

This option will delete the currently viewed message.

Go to Next Message

This option will display the next outgoing message.

☞ Keep regularly used short messages handy by storing them in your 'outgoing' file. Simply recall or modify a stored message and send to keep people up to date.

Message Editor

   to access Message Editor.

The Message Editor is used to create a new message or edit the currently selected message and then to send the modified message and/or store it in your Outgoing Messages list. See 'How to Create and Edit SMS Messages' for more information on using the Message Editor.

Cell Broadcast

You can use this option to set the cell broadcast settings. The option has two settings **On** or **Off**.

If you change the setting to **On**, you will be asked to choose a channel.

Please contact your Service Provider for a list of available channels and the information they provide.

While a broadcast message is scrolling across the display, you can stop and start it by pressing  . Press  to restart the message from the beginning. If you want to remove the message from the display, press .

 If you need to use the  and  keys for their normal functions while you are receiving a cell broadcast message, you must first remove the message.

Message Settings

Voicemail Number

You can use this option to enter a phone number which will be used by the 'Call Voicemail' option.

If a Voicemail Number is already stored, you will see it in the display, depending on the specific setting of your Service Provider. This may be used, modified, or deleted as desired.

Service Center

Before you can send any messages, you must use this option to enter your Message Service Center number. This number is obtained from your Service Provider.

Expiry Period

You can use this option to specify the maximum time, in hours, that your unforwarded messages are to remain with the Message Service Center before being deleted. When you select this option, the current expiry period will be displayed (the default is 24 hours).

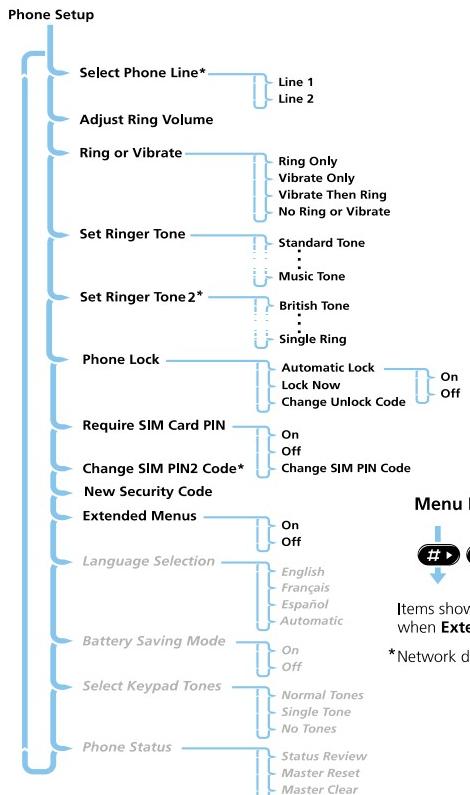
The maximum value you can enter is 10584, though the actual limit will depend on your Message Service Center.

Outgoing Message Type

This option is network dependent and can be used to specify the format of your outgoing messages. You can select from the following message types: **Text** (default), **Fax**, **Paging** and **E-Mail**.



Phone Setup Menu



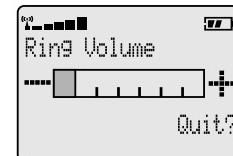
Select Phone Line

Alternate Line Service is a subscription option which allows for two voice phone lines. Calls may be billed separately for each line. The outgoing line selection does not apply to data or fax outgoing calls. If you subscribe to this option, you may select either [Line 1](#) or [Line 2](#) for outgoing calls.

Adjust Ring Volume

volume buttons (up or down).

You can use this option to set the incoming call ring tone volume. The volume will be displayed as follows:



Menu Navigation



Items shown in *italics* are available only when **Extended Menus** are switched on.

*Network dependent feature.

Adjust the volume by pressing the volume keys on the side of your phone.

Ring or Vibrate

8

This option sets the way your phone alerts you to an incoming call. The Quick Access version will allow you to toggle between 'Ring Only' and 'Vibrate Only.' The full set of options available in the menu are as follows:

- **Ring Only** - the phone will ring with the tone specified by the Set Ringer Tone option.
- **Vibrate Only** - the phone will vibrate using the VibraCall™ alert.
- **Vibrate Then Ring** - the phone will vibrate twice and then ring.
- **No Ring or Vibrate** - the phone will just display the **Answer?** message.

☞ The setting you choose also defines the type of alert for an incoming SMS message (except that if you select Vibrate Then Ring, your phone will just vibrate).

OK Set Ringer Tone

This option sets the tone your phone will make when an incoming call is received. Choose from eleven different ring tones.

Standard Tone

Your phone makes a standard ringing tone.

Single Ring Tone - Music Tone

When selected, your phone will produce one of the ten available ringer tones.

☞ If you select the Single Ring Tone option, the phone will only ring once when a call is received.

OK Set Ringer Tone 2

This option sets the tone your phone will make when an incoming call is received on line 2. Choose from eleven different ring tones. The default tone for line 2 is the British Tone.

OK Phone Lock

You can use this option to set and change the phone unlock code.

The phone unlock code can be set to help protect your phone from unauthorized use. It can be set to automatically lock your phone each time it is switched on.

The phone unlock code is a four digit number which is set at manufacture to **1234**. This can be changed at any time by using the 'Change Unlock Code' option.

Automatic Lock

This option can be used to automatically lock your phone each time the phone is switched on.

The option has two settings, **On** or **Off**.

Lock Now



This option can be used to immediately lock your phone. Once selected, your phone can not answer or receive calls or access the menu system until the phone unlock code is entered.

Change Unlock Code

You can use this option to change the phone unlock code.

After selecting this option, you will be asked to enter the current security code before you can proceed.

You can now enter a four digit code to replace the old code.

☞ By pressing ■ MENU, you can access this option even when the phone is locked.



Require SIM Card PIN

This option is used to set and change the PIN code.

The PIN code can be set to help protect your SIM card from unauthorized use. If set to **On**, access to your SIM card will be restricted each time it is inserted or the phone is turned on.

The option has two settings, **On** or **Off**.

Note: If the SIM card does not support PIN code disabling, these items will not appear.

Change SIM PIN Code

You can use this option to change the SIM card PIN code.

The 'Require SIM Card PIN' option must be set to **On** and you must enter the old PIN code before you can proceed.

! If the PIN number is entered incorrectly three times in a row, your SIM card will automatically lock-up and the Blocked message will be displayed.

You will be asked to enter a new four to eight digit code to replace the old PIN code. The new PIN code must be entered again as confirmation.

Unblocking Your Phone

If you receive the **Blocked** message, you will need to enter an unblock code and key sequence before you can use the phone.

! The 8- digit PIN unblocking code will have been provided with your SIM card by your Service Provider. If you do not have this 8-digit PIN unblocking code, contact your Service Provider before attempting this procedure.

Enter the following key sequence to unlock your phone:

0 * 0 opr 5 jd 1 * Unblock Code OK

New PIN Code OK New PIN Code OK

The new PIN code must contain four to eight digits.

! If this operation is performed incorrectly 10 times in a row, your SIM card will become permanently blocked. Contact your Service Provider for more information.

Change SIM PIN2 Code

You can use this option to change your PIN2 security code.

When you select this option, you must enter the old PIN2 security code before you can proceed.

You will be asked to enter a new four to eight digit code to replace the old PIN2 security code. The new PIN2 security code must be entered again as confirmation.

! If the PIN2 security code is entered incorrectly three times in a row, the Blocked message will be displayed.

When the **Blocked** message is displayed, you are not allowed access to menu items that require you to enter the PIN2 code, for example 'Setup Fixed Dialing' and 'Call Charge Settings'.





If you receive the **Blocked** message when you try to enter your PIN2 code, you will need to unblock and change the code using the following key sequence:

◀ * □ * 0 opr 5 jkl 2 abc □ * **Unblock Code** □ OK
New PIN2 Code □ OK **New PIN2 Code** □ OK

☞ The 8-digit unblocking code will have been provided with your SIM card by your Service Provider.

! If the PIN2 unblocking operation is performed incorrectly 10 times in a row, your PIN2 code will become permanently blocked. Contact your Service Provider for more information.

OK New Security Code

The security code is used to control access to security and other options within the menus.

You can use this option to change the security code, which is set at manufacture to **000000**.

Once selected, you will be asked to enter the current security code before you can proceed.

You will then be asked to enter a new six-digit code to replace the old security code.

☞ In order to safeguard your phone, you should change your security code from the factory setting as soon as possible.

OK Extended Menus

! Press and hold **MENU**. Extended Menus will be temporarily activated until you exit the Options menu.

The option has two settings, **On** or **Off**.

If the extended menu option is switched **Off**, you will not be able to access any of the extended features.

OK Language Selection

You can use this option to change the language for display messages.

The option has multiple settings.

When you select a language, all further display prompts and help messages will be in the selected language.



Battery Saving Mode

This option can help you to conserve battery power. Also known as DTX (Discontinuous Transmission), this option will cause your phone to operate at reduced power when you are not talking.

The option has two settings, **On** or **Off**.

OK Select Keypad Tones

This option allows you to change or disable the tones that you hear when you press a key.

The option has three settings, **Normal Tones**, **Single Tone**, or **No Tones**.

Phone Status

Status Review

When this option is selected, your phone will display a list of menu items which have been changed from the default setting. Press **#>** to view the next item.

Master Reset

H *This option should be used with caution.*

You can use this option to restore certain phone options to their original settings.

When selected, you will be asked to enter the security code. Once entered, the master reset option will perform the following operations:

- Cancel Automatic Answer, Audible Call Timers, In-Call Display Meter, Automatic Lock and Cell Broadcast
- Enables Battery Saving Mode (DTX)

- Restore Keypad Tones to Normal, Ringer Tones to Standard, Volume Level to Medium and Network Search frequency to Medium.

Master Clear

H *This option should be used with extreme caution. It will clear all the Phone Book entries from your phone memory.*

You can use this option to restore certain phone options to their original settings.

When selected, you will be asked to enter the security code. Once entered, the master clear option will perform the same operations as 'Master Reset,' plus the following operations:

- Clear the Phone Book entries from phone memory (not from SIM memory)
- Clear the Last Calls Made and Last Calls received list
- Clear the Message Editor
- Reset the Resettable Call Timers

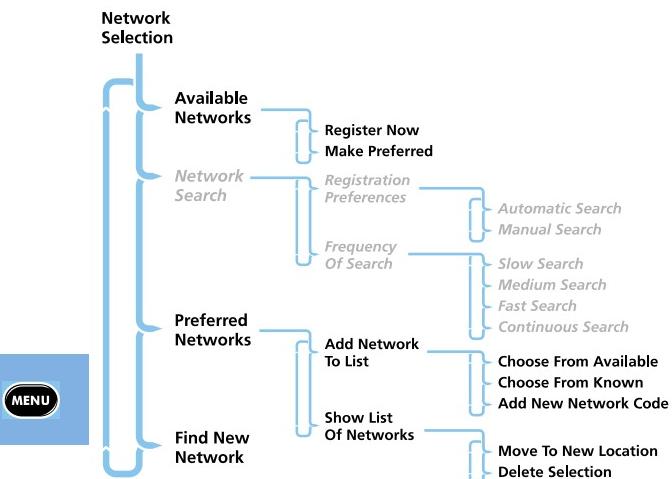
Master Clear does **not** clear the:

- My Number(s) list
- Received and Outgoing Messages list
- Fixed Dial List
- Charge Meter





Network Selection Menu



Network Selection

In order for the phone to make and receive phone calls, it must register with one of the available networks.

Your phone automatically searches for the last network used. If this network is unavailable for any reason, your phone will attempt to register with a new network.

When your phone needs to register with a new network, it will generate a sorted list of networks. The network list is sorted in the following order:

- The Home network
- PCS networks from a preferred list
- A random list of other PCS networks found, above a certain signal strength
- All remaining PCS networks in descending order of signal strength. Any forbidden networks, stored in the SIM card, will not be included in the sorted list.

Menu Navigation



Items shown in *italics* are available only when **Extended Menus** are switched on.

Available Networks

When selected, this option will scan to see which networks are operating in your current location. When the scan is complete, press **MENU** to scroll through the list. When you see a network you wish to register with or store in your preferred list, press **OK**. You will now enter the 'Register Now' and 'Make Preferred' sub-menu.

Register Now

Once selected, your phone will try to register with the selected network. If the registration fails, your phone will try to register in the normal way.

Make Preferred

Once selected, you will be asked where the selected network is to be located in the preferred list.

Network Search

These options determine how often your phone tries to register with a network and how the attempt is made.

Registration Preferences

This option determines how the phone tries to register with a network.

The option has two settings, [Automatic Search](#) or [Manual Search](#).

Automatic Search Mode

In the automatic mode, the phone will try to register with the first PCS network in the sorted list. If this is successful, your phone will display the network name and then enter the standby mode.

If registration is unsuccessful with one network in the list, your phone will try the next listed network. If your phone fails to register with any of the listed networks, it will start at the beginning of the list after a preset period. The preset period is determined by the 'Frequency Of Search' option.

Manual Search Mode

In the manual mode, the phone will present you with the sorted list of PCS networks. Use **◀ ***, **# ▶** and **OK** to select one network from the list. Your phone will try to register with the selected network. If this is successful, the phone will display the network name and then enter the standby mode.

If registration is unsuccessful, your phone will present the list again after a preset period. The preset period is determined by the 'Frequency Of Search' option.

Frequency Of Search

You can use this option to determine how long your phone waits before attempting to re-register after a registration attempt has failed.

The option has the following settings: [Slow Search](#), [Medium Search](#), [Fast Search](#) or [Continuous Search](#).

H *Fast and Continuous Search may use up a significant amount of battery power.*



OK Preferred Networks

Add Network To List

This option enables you to add networks to your preferred list. When selected, the 'Choose From Available' option will scan to see which networks are operating in your current location. When the scan is complete, press **# ▶** to scroll through the list. When you see a network you wish to store in your preferred list, press **OK**. You will be asked where the selected network is to be located in the preferred list.

When selected, the 'Choose From Known' option will present you with a preset list of networks. Press **# ▶** to scroll through the list. When you see a network you wish to store in your preferred list, press **OK**. You will be asked where the selected network is to be located in the preferred list.

Select the 'Add New Network Code' option to enter network codes directly. Once entered, you will be asked where the network is to be located in the preferred list.

Show List Of Networks

You can use this option to display the networks you have stored in your preferred list. In addition, pressing **OK** will select the currently displayed entry and enter a move/delete sub-menu.

When 'Move to New Location' is selected, you will be asked to enter a new location for the selected network.

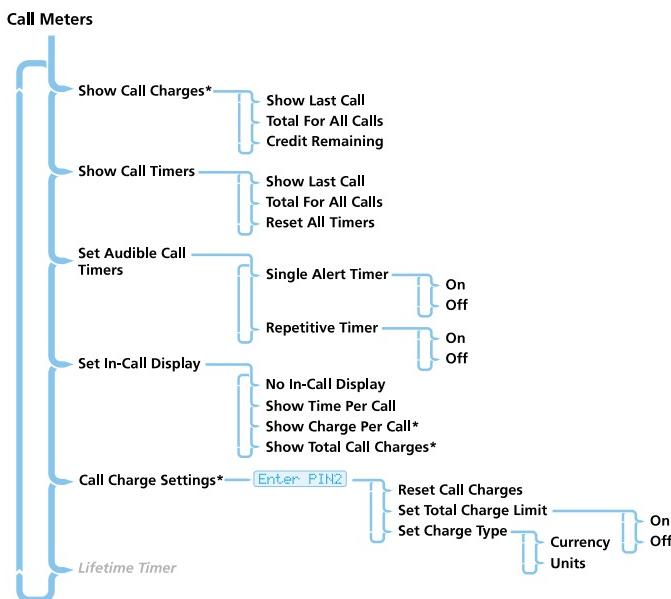
When selected, 'Delete Selection' will remove the selected network from the preferred list.

Find New Network

When selected, the phone will try to register with a network in the normal manner, with one exception. When the registration attempt is made, your current network will be excluded from the list of those available. If the attempt fails, your phone will then try to re-register with the previous network.



Call Meters Menu



Items shown in *italics* are available only when **Extended Menus** are switched on.

* Network dependent feature.

Call Metering

Your phone has a variety of call meters which you can use to monitor individual and total call times or costs.

Note: Call cost information is only available if you receive the Advice of Charge service. If you do not receive this service, then only time meters are available.

You can set the call meters to display during calls or choose to be reminded audibly by beeps at specific times or intervals.

You can even set a maximum charge limit. Once your phone reaches the limit, set by you in either units of time or currency, it will prohibit all calls until it is reset.

Show Call Charges

This option allows you to display the cost of your calls or the amount of credit remaining. The figures are in phone units or currency depending on the setting of the **Set Charge Type** option.

Note: Show Call Charges is only available if you receive the Advice of Charge service.

Show Last Call

Displays the cost of your last chargeable call.





Total For All Calls

Displays the cost of all your chargeable calls since the charge meters were reset to zero using the 'Reset Call Charges' option.

Credit Remaining

Displays the difference between your total call costs and the limit specified by the 'Set Total Charge Limit' option. If there is no limit, **No Charge Limit Set** will be displayed.

Show Call Timers

This option allows you to display the duration of your calls and to reset your time meters to zero.

If you receive the Advice of Charge service, all calls are timed.

Show Last Call

Displays the duration of your last call.

Total For All Calls

Displays the duration of all your calls since the time meter was reset to zero using the 'Reset All Timers' option.

Reset All Timers

Sets the resettable time meters to zero. The Lifetime Meter is not resettable.

OK Set Audible Call Timers

Your phone provides two programmable audible call timers:

- The 'Single Alert Timer' will sound a beep just once during a call, after a preset time has elapsed.
- The 'Repetitive Timer' will sound regular beeps during a call, at preset intervals.

In both cases, the timers will sound their beeps ten seconds before the end of the programmed time.

Set In-Call Display

This option allows you to specify whether the time or charge meters are displayed during a call. If you do not have the Advice of Charge service, only the time meter is available.

If a total charge limit has been set and charge meter has been selected, then the in-call display always shows your remaining credit.

No In-Call Display

This option switches off in-call display of the charge/time meter.

Show Time Per Call

You can use this option to display the time meter during calls. If you receive the Advice of Charge service, only the chargeable calls will be displayed.



Show Charge Per Call, Show Total Call Charges

These menu items are only available if you receive the Advice of Charge service.

These options are used to display the call charges meter during and after chargeable calls. The meter shows phone units or currency depending on the setting of the 'Set Charge Type' option.

Call Charge Settings

This option allows you to customize your Advice of Charge settings. You will be prompted to enter your PIN2 security code before you can access the options.

This menu item is only available if you receive the Advice of Charge service.

Reset Call Charges

This option resets your charge meters to zero.

Set Total Charge Limit

This option sets the maximum limit for call charges; once this limit has been reached, the network will refuse any further chargeable calls.

If you switch the charge limit **On**, you will be prompted to enter a new limit. Enter the amount as either units or currency depending on the setting of the **Set Charge Type** option. Units must be entered as whole numbers.

When the charge limit is **On**, you will not be able to make fax or data calls.

Once a limit is set, the in-call display will show the remaining credit. When you reach your last two minutes, the warning message **Approaching Charge Limit** will be displayed and a warning alert will sound. The sound will be repeated when one minute remains. When the limit is reached the message **Charge Limit Reached** will be displayed and you will not be able to make any more chargeable calls.

Once the limit is reached the Total Charge Limit will need to be reset or switched off before any chargeable calls can be made.

Select **Off** to switch off the charge limit.

Set Charge Type

This option defines whether charge information is displayed as either phone units or currency.

Currency

Sets the charge type to currency. You will be prompted to enter the **Currency Name**. Enter a 3-character notation. For example, enter USD for United States or CAD for Canada. You will then be prompted for the **Charge Per Unit**. Enter the amount and press **OK**.

Units

Sets the charge type to phone units.

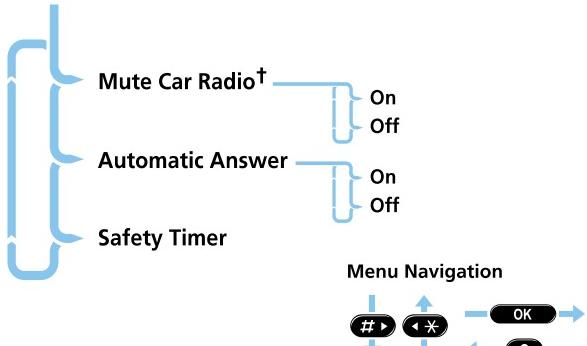
Lifetime Timer

You can use this option to display the total time of all calls made on your phone.

This meter can not be reset. The 'Reset All Timers,' 'Master Reset,' or 'Master Clear' options have no effect.

Accessory Setup Menu

Accessory Setup



^tThis option can only be enabled by your local dealer and may not be available with all car kits.

You will only be able to access this menu when your phone is mounted in a car kit.

Car kits can provide charging facilities and some provide connection to an external antenna for better reception. Your phone can also be linked to external microphones and speakers for hands free operation.

Your phone provides several options to complement the use of car kits.

OK Mute Car Radio

This option can be used to mute your car radio if your phone is attached to the car kit when you make or receive a call. It must be enabled by your local dealer.

This option has two settings, **On** or **Off**.

If this option will have no effect if your car radio does not have a mute option or if the car kit installation does not support this option.

Automatic Answer

This option allows your phone to automatically answer an incoming call after two rings when it is attached to the car kit.

This option has two settings, **On** or **Off**.

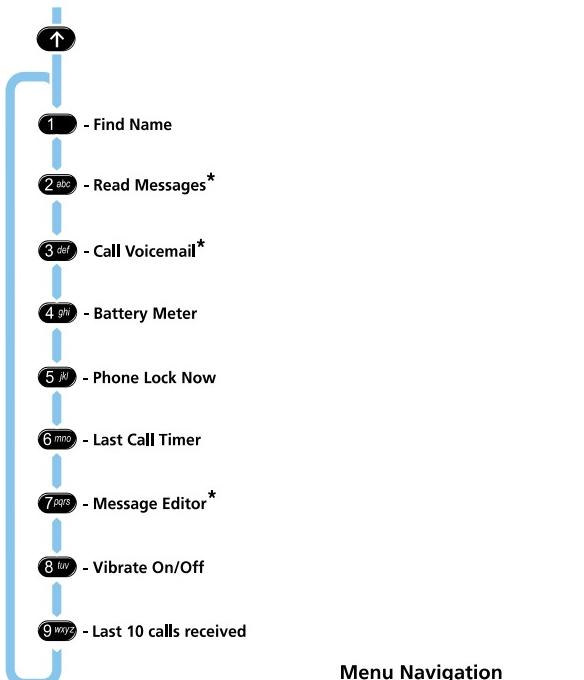
Safety Timer

This option can be used to keep the phone on for a set period after the vehicle ignition has been turned off. This prevents the vehicle's battery from becoming drained and saves you from having to re-enter PIN and Unlock codes after every short stop.

The 'Safety Timer' is initially set to 60 minutes. Once selected, this option can be adjusted to any value between one and 999 minutes.

If the safety timer is set to zero, the phone, while connected to the car kit, will operate only in conjunction with your vehicle's ignition. For example, if the ignition is 'off' and you press the phone's power key, the phone will power up momentarily and then immediately power down.

Using the Quick Access Menu



Menu Navigation



*Network dependent feature.

The Quick Access Menu is a way to keep your favorite menu options ready to hand.

There are nine numbered Quick Access Menu locations on your phone. If you know the location number of the feature, activating the feature takes only two button pushes!

Just press the Quick Access key (↑), then the number of the feature. If you don't know the number or want to review your options, press ←* or #→ to scroll through the menu and read the name tag attached to each option. The currently selected icon is shown with a dark background. Press OK to select.

You can choose which features fill the nine locations. Just see 'Customize the Quick Access Menu' then choose from the following list. The first nine features are the default settings.

Find Name?

You will be prompted Enter Name. Enter the first three characters of the name and press OK. The first matching entry in the Phone Book will be displayed. Press OK to call the number or press ←* or #→ to scroll through the Phone Book.

Read Messages?

Your newest message will be displayed; you can then read, delete and edit messages as normal. See 'Received Messages' for more information.

Call Voicemail?

Your phone will call your voicemail number.

Network subscription required. You must have defined a voicemail number in order to use this feature.

Battery Meter?

A bar graph indicating the approximate battery charge level will be displayed. The more bars displayed, the greater the charge level.

See 'Show Battery Meter' for more information.

Lock Now?

Immediately locks your phone; you will not be able to use your phone until the unlock code is entered.

Call Timer?

Displays the duration of your last call. See 'Show Call Timers' for more information.

Message Editor?

The last message that was edited will be displayed. Press and hold **C** to clear the message and start a new one, or modify the message displayed. See 'How to Create and Edit SMS Messages' for more information.

Vibrate On/Off?

VibraCall™ Alert will be toggled either on or off. If VibraCall Alert is switched on, the 'Ring or Vibrate' setting changes to **Vibrate Only**. If VibraCall is switched off, the 'Ring or Vibrate' setting changes to **Ringer Only**. See 'Ring or Vibrate' for more information.

Last Calls Received?

Lets you access, view and dial phone numbers in your last ten calls received list.

Add to Phone?

You will be prompted to enter a phone number and then a name.

If you already had a number displayed, it will automatically be re-displayed when you select this feature.

The number will be stored in the next available phone memory location. See 'Add Entry' for more information.

Add to SIM?

You will be prompted to enter a phone number and then a name.

If you already had a number displayed, it will automatically be re-displayed when you select this feature.

The number will be stored in the next available SIM card location. See 'Add Entry' for more information.

Adjust Ring?

This option is used to display and to set the incoming call ring tone volume.

Forward On/Off?

Unconditional call forwarding will be toggled either on or off.

You must have defined a forward number using the 'Forward All Calls' option in the Call Forwarding menu in order to use this feature.

You cannot switch call forwarding on or off if you are outside PCS coverage.

Switch Memory?

Toggles One Touch dialing between the phone and SIM memories.

Outgoing SMS?

This option automatically routes you to your outgoing messages file where you can read, edit, send or delete stored outgoing messages.

Call Charge?

Displays the cost of your last chargeable call. See 'Show Call Charges' for more information.

Show My ID?

Your phone number will be sent with the next attempted call only and not with succeeding calls, until you reselect this option.

Restrict My ID?

Your phone number will not be sent with the next attempted call but will be sent with succeeding calls, until you reselect this option.

Switch Lines 1/2?

This option allows you to switch between one of two voice lines, if you subscribe to Alternate Line Service.

Customize the Quick Access Menu

You can setup the features you use most often for Quick Access by customizing the Quick Access Menu.

To customize the menu:

- 1 Press  and scroll to the menu item you wish to change.
- 2 Press and hold  to access the list of features available. The currently selected feature will be displayed.
- 3 Scroll through the list until you find the feature you wish to store in the Quick Access menu, then press .
- 4 **Completed** will be displayed to confirm that the new feature has replaced the old feature.

The items in the Quick Access list will appear in the following order:

- Find by Name
- Find by Location
- Add Entry to Phone
- Add Entry to SIM
- Call Voicemail*
- Battery Meter
- Phone Lock Now
- Ring Volume
- VibraCall On / Off
- Forward All On / Off*
- Switch Memory
- Read Messages*
- Outgoing Messages*
- Message Editor*
- Last 10 Calls Received
- Last Call Charge*
- Last Call Timer
- Show My ID Next Call*
- Restrict My ID*
- Switch Lines 1/2*

*Network dependent feature



Accessories

The following accessories have been designed to work with your PCS phone. Additional accessories may be available and are packaged separately. Please refer to your local service provider or retail outlet for more information.

Desktop E•P Charger (SPN4216)

The Desktop E•P Charger allows you to charge a battery attached to a phone and a spare battery at the same time. The charging status for each battery is indicated by LEDs at the front of the charger.

 For added convenience, the Desktop E•P Charger uses your Travel Battery Charger - Wall Adapter (SPN4159) as its power supply.

Travel Battery Charger - Wall Adapter (SPN4159)

The Travel Battery Charger connects to the Desktop Rapid Charger or directly to the phone. When connected directly to the phone, it charges the battery and also allows you to use the phone while charging.

Cigarette Lighter Adapter (SLN9933)

The Cigarette Lighter Adapter connects to your phone and allows you to charge your phone's battery when driving. When the phone is in use, the adapter preserves battery life by overriding the battery.

Handsfree Car Kits (S6948 or S6110)

The Handsfree Car Kits provide convenient phone operation while in the car. Included are a responsive directional microphone and direct antenna connection (antenna only available in S6110 kit). While connected to the phone, the car kit also rapid charges the battery.

Some jurisdictions prohibit use of a cellular or PCS telephone while driving a vehicle. Even if your jurisdiction does not have such a law, we strongly suggest that, for safety reasons, the driver use extreme caution when operating the cellular or PCS telephone while the vehicle is in motion. (See the 'Safety' section for more information.)

PC Data Card (SYN5182)

This PC Card allows you to send and receive data and fax calls using your phone and a computer with a PCMCIA Type II slot. Not only does the card transmit at data rates up to 9600bps (non-transparent), but it can also transmit in transparent mode using V.42bis compression to achieve data rates as high as 36Kbps.





What to do if...

You can't switch your phone on	<p><i>Check the battery.</i> Is it charged, properly fitted and are the contacts clean and dry? See 'Battery Performance and Maintenance'.</p>
You can't make calls	<p><i>Check the antenna.</i> Is it fully extended?</p> <p><i>Check the signal strength meter in the display.</i> If the signal is weak, move to an open space or, if you are in a building, move closer to a window.</p> <p><i>Check the Network Selection settings.</i> Try Manual Selection, or try another network. See 'Network Search'.</p> <p><i>Check your Operator coverage map.</i></p> <p><i>Is Restricted displayed?</i> Check the Call Barring setting.</p> <p><i>Has a new SIM card been inserted?</i> Check that no new restrictions have been imposed.</p> <p><i>Has charge limit been reached?</i> See 'Show Call Charges'</p>
You can't receive calls	<p><i>Check to see that your phone is switched 'on'.</i></p> <p><i>Check the antenna.</i> Is it fully extended?</p> <p><i>Check the signal strength meter in the display.</i> If the signal is weak, move to an open space or, if you are in a building, move closer to a window.</p> <p><i>Check the Call Forwarding and Call Barring settings.</i></p> <p><i>Check the Ringer setting.</i> If it is off, there is no audible Ringer. See 'Ringer on/off'.</p>
Your phone won't unlock	<p><i>Have you inserted a new SIM card?</i> Enter the new PIN code. See 'Entering Your SIM Card PIN Code'.</p> <p><i>Do you have a replacement phone?</i> Enter the default phone unlock code - 1234.</p> <p><i>Have you forgotten the unlock code?</i> Press  to change the unlock code (you will need your security code).</p>
Your PIN is blocked	<p><i>Enter the PIN unblocking code supplied with your SIM card</i> or contact your Service Provider (see 'Unlocking Your Phone').</p>
Your PIN2 is blocked	<p><i>Enter the PIN2 unblocking code supplied with your SIM card</i> or contact your Service Provider (see 'Change SIM PIN2 Code').</p>
Your SIM card won't work	<p><i>Is the card inserted the correct way?</i> See 'SIM Card Insertion'.</p> <p><i>Is the gold chip visibly damaged or scratched?</i> Return the card to your Service Provider.</p> <p><i>Check the SIM and phone contacts.</i> If they are dirty, clean them with an antistatic cloth.</p>



The battery won't charge	<i>Check the charger.</i> Is it properly connected? Are its contacts clean and dry? See 'Your Battery'. <i>Check the battery contacts.</i> Are they clean and dry? <i>Check the battery temperature.</i> If it is warm, let it cool before recharging. <i>Is it an old battery?</i> Battery performance will decline after several years use. Replace the battery.
The battery drains faster than normal	<i>Are you in an area of variable coverage?</i> This uses extra battery power. <i>Is your antenna fully extended?</i> This helps use less battery power. <i>Is it a new battery?</i> A new battery will need two to three charge/discharge cycles to attain normal performance. <i>Is it an old battery?</i> Battery performance will decline after several years use. Replace the battery. <i>Is it a battery that hasn't been completely discharged?</i> Allow the battery to fully discharge (until the phone turns itself off) and then charge the battery overnight. <i>Check that the Frequency Of Search feature in the Network Selection menu has not been set to Fast or Continuous.</i> See 'Network Search'. <i>Check that the Battery Saving Mode feature has not been set to Off.</i> <i>Are you using your phone in extreme temperatures?</i> At extreme hot or cold temperatures, battery performance is significantly reduced.
You can't cancel Call Forwarding or Call Barring	<i>Wait until you are in an area with good network coverage and try again.</i>
The  symbol is flashing	<i>There is not enough memory available to store another SMS message.</i> Use the Messages menu to delete one or more messages from either the received or outgoing message entries.
I can't make international calls	<i>Some Service Providers automatically bar the ability to make international calls.</i> Contact your Service Provider. <i>Have you included the relevant codes?</i> Press and hold the 0_{opt} key to display the international dialling prefix (+) and then enter the appropriate country code followed by the phone number.
You find your phone becoming warm during use	<i>You may notice this during long calls or during charging.</i> The heat is produced by the electronic components within your phone and is quite normal.
Your phone has your SIM Card inside but the display says:	<i>Check Card or Insert Card.</i> Check that the SIM Card has been inserted correctly. The contacts of the SIM Card may be dirty. Turn the phone off, remove the SIM Card and rub the gold chip on the card with a clean cloth. Replace the card in the phone. <i>Card Blocked, Unregistered Card or Damaged Card, or Enter Special Code Now.</i> Please contact your Service Provider.
You find your phone's prompts in a language other than your own	Press MENU , 2 abc , 6 mno , OK . This will route you directly to the language selection submenu. Press the #> key until you see your preferred language. Press OK to select.



Regulations and Precautions

The U.S. Federal Communications Commission and the Canadian Department of Communications regulate PCS radiotelephone service in their respective countries. It is important for you, the PCS radiotelephone user, to observe the applicable regulations when operating your PCS phone in either country. In addition to these U.S. and Canadian federal regulations, you may also be bound by certain state, provincial, territorial, and local rules and regulations, as well as by your PCS carrier's tariff (the rates, terms, and conditions of its service). If you wish to use your PCS radiotelephone in both the U.S. and Canada, please consult with your service provider.

You should remember that your PCS phone is a radiotelephone, i.e., it combines both wireline technology, as used in your home or office telephone system, and radio technology and that the scope of regulations and precautions is therefore broader than the scope of regulations and precautions relating to wireline-only usage.

Some of the major points of consideration are set out in the following section. Please note, however, that this 'Regulations and Precautions' section does not constitute legal advice and is intended merely for general information purposes. If you have any specific questions, please contact your PCS Carrier (Service Provider).

License

If your home system is in the U.S., you do not require a separate license to operate your PCS radiotelephone. Obtaining a PCS telephone access number is sufficient to register you as a user. If your home system is in Canada, a separate license is required. Your carrier will assist you in the licensing process. If you wish to use your PCS telephone in both the U.S. and Canada, please contact your PCS Carrier (Service Provider).

Denial of Service

A PCS carrier may deny service temporarily or terminate service for violation of any governmental regulations or its tariff.

Magnetic Storage Media

Your phone contains a magnet. Do not place your phone in close proximity to magnetic storage media, such as diskettes or credit cards, for extended periods of time.

Driving

Some jurisdictions prohibit your using a cellular or PCS telephone while driving a vehicle. Even if your jurisdiction does not have such a law, we strongly suggest that, for safety reasons, the driver use extreme caution when operating the cellular or PCS telephone while the vehicle is in motion. (See the 'Safety' section for more information.)



Consumer Responsibilities

Remember that wireline and radio regulations with respect to harassing calls, false distress calls, obscene language, etc., apply to PCS phone usage.

Privacy

As a telephone user, you have come to assume a certain standard of privacy when you place or receive a telephone call via the traditional wireline systems. However, because PCS 1900 is a radiotelephone that utilizes radio transmissions to effect calls, the same standard cannot always be assured. While it is unlawful for any unauthorized person to divulge or use any information obtained from intercepting or 'listening in on' conversations intended for others, you should not assume that your conversation is completely secure. Commercially available scanning equipment can permit a third party to monitor the radio channels used for PCS telephone calls.

Interference

No person shall interfere with or cause interference to any radio communication or signal.

Equipment Modifications

Both the U.S. Federal Communications Commission and the Canadian Department of Communications have type approved the model of PCS radiotelephone which you have purchased, and both have allocated a specific frequency range for PCS service. No changes or adjustments are to be made to your PCS telephone.

Equipment Care

Your Motorola PCS radiotelephone is designed for superior durability under normal use conditions. Protect your PCS phone from water damage that could result from spills or excessive exposure to rain. Never submerge your PCS telephone.



Patent Information

Manufactured under one or more of the following U.S. patents

4121218	4127824	4128740	4138681	4193036	4254382
4302845	4312074	4327319	4329666	4369516	4369522
4378603	4390963	4398265	4400584	Re.31470	4431977
4434461	4455534	4462098	4484153	4485486	4486624
4491972	4504834	D278708	4523155	4546329	4549311
4550426	4551696	4564821	D282169	4571595	4573017
4574243	4585957	4602218	D284759	4616314	4617520
4626309	4628529	4629829	4630304	4630305	4633141
4636593	4636741	4644351	D288432	4648125	4649543
D288683	4654655	4654867	4662691	4667333	4668917
4670747	4672502	4692726	4704588	D292578	4706036
D292920	4710724	4711361	4715063	4716319	4716391
4723305	D294257	4727306	4727583	4730195	4734635
4737976	4740794	4741018	4741034	4742562	D295627
D295975	4751737	4761621	4764737	D297734	D297735
D297736	4777564	Re.32768	4783697	D299232	4797929
4798975	4800348	4802236	4803726	4809356	4811377
4811404	4816774	4817157	4823098	D300742	D300827
4827226	4827507	4829274	4829543	4837534	4843621
4845772	4851966	4868576	4872196	4873683	4876552
4876740	D304189	4879533	4885553	4887050	4890199
D305427	4896124	4896361	4897873	D305717	4903327
D306163	4904549	4905288	4905301	D306299	4910470
4912602	4916262	4918403	4918732	4922209	4924194
4930126	D309301	D309451	4945570	4954796	4956854
4963812	4963843	4965537	4970475	4972355	4972432
4972455	4975808	4982108	4984219	4989230	D314173
4992753	4998289	D315330	D315543	5004992	5008925
5010309	5010570	5014294	5014346	D316859	5017856
5018188	5020076	5020091	5020092	5020093	5023580
5023866	5023911	5025387	5028859	5029233	5036532
5040127	5042071	5045824	5053924	5055800	5055802

5055803	5057762	5058136	5059885	5060264	5060294		5436802	5438684	D361070	5444764	5446763	5448763
5063340	5065408	5067139	5068625	5070310	5077757		5448770	5448771	5453997	D362840	D362852	5461643
5081674	5083304	5093632	D325028	5107487	5109536		5463628	5465412	5469177	5475752	D365094	5477192
5111162	5113400	5113436	5117441	5117449	5121047		D365817	5486843	5487184	5488335	5490177	5493198
5121288	5121412	5122722	D327062	5124889	5127040		5493700	5493714	5495206	5497126	5497383	D367640
5127042	5128834	5130682	5130683	5133010	5136135		5499273	5504812	5506490	D368696	5508709	5510693
5140286	5142551	5142696	5148471	5150075	5150359		5511235	5513078	5513382	D369359	5513996	D369598
5150384	5152006	5152007	5153590	5157693	5159283		D369797	5519303	5519346	5519506	5519777	D370016
5160898	5163159	5164652	5166596	5166642	5170173		D370463	5526398	D370672	5530922	5539360	5542103
5170492	5173672	5175759	5175874	5177458	5182749		5542106	5544250	D372481	5546380	D372896	5551078
5185566	5187640	5187809	5192924	5193223	5195106		5555550	5559471	D374013	5561436	D374227	D374424
5195108	5198887	5200655	5201069	5202654	5203009		5565881	5570453	5572223	5572224	5577267	5577268
D334746	5204977	5205751	5208566	5210793	5211581		D375932	D375952				
5212815	5212826	5214675	5214774	5220290	5222078							Other patents pending.
5222104	5222251	5224122	5230007	5230093	5233506							
5233633	5235492	5237257	5237570	5239127	5239294							
5241545	5241548	5241592	5241650	5241688	5241693							
D338887	5242767	D339127	D339335	D339336	D339337							
5247544	D339578	5249302	5250916	5251331	5253292							
5255292	5257414	5259005	5260170	5260988	5261119							
5262710	5263052	5263055	5265219	D341589	5271042							
D342248	5276685	5276707	5276913	5278527	5278832							
5278994	5280637	5280644	D343615	D343616	D343834							
D343835	5287553	5287555	5287556	5289505	D344512							
5297142	5299232	5301364	5301365	5308716	5312705							
5321847	5323421	5325429	D348250	D348427	5327642							
D348665	D348666	D348668	5331123	D349273	5336984							
5338909	D350113	D350348	D350349	D350350	5349588							
5351245	D351375	5359696	5361400	5363071	5365549							
D352503	5366826	5367538	5367558	5371791	D353131							
5373101	D353361	5375143	5375258	D353587	D353588							
5379324	5384825	5392000	5392023	5396654	D356309							
5402447	5404120	5404582	5406146	5406562	D357224							
D357457	5410275	5414711	D358148	5420759	5424689							
5428820	5428836	5430416	5432017	5434947	5436589							



Motorola Limited Warranty For the United States PCS Subscriber Radiotelephone Products

I. What this warranty covers and for how long:

Motorola Inc. (Motorola) warrants the Motorola PCS Subscriber radiotelephone products and accessories against defects in material and workmanship under normal use and service for a period of time specified by the product's serial number from the date of installation.

Installation in the case of radiotelephones, accessories or batteries that are not installed in a vehicle, means the date that the product is placed into subscriber service. Installation will be deemed no later than thirty (30) days from date of delivery of the product to you the owner.

The warranty time period is specified by the last digit of the mechanical serial number found on each PCS product. Products sold under this warranty may have either a "P", "Y", "A", "B", "C", or "D" or nothing in the eleventh position of the serial number. If there is no letter or an "A", the product comes with a (1) one year warranty. Products that have a "D" have a (2) two year warranty. Products that have a "Y" or a (B) have a (3) three year warranty, and products that have a "P" or a "C" have a (5) five year warranty commencing from the date of installation. The warranty time period for the radiotelephone accessories and batteries is as follows:

PCS portable telephone batteries 1 year

Carrying cases Defect free at time of shipment

Other radiotelephone accessories 1 year

Motorola, at its option, will, at no charge, either repair, replace, or refund the purchase price of the PCS Subscriber radiotelephone product during the warranty period, provided it is returned in accordance with the terms of this warranty to the Motorola National Service Center or Service Providers service shop qualified by Motorola. Repair, at Motorola's option, may include the replacement of parts or boards with functionally equivalent reconditioned or new parts or boards. Replaced parts or accessories,

batteries, or boards are warranted for the balance of the original time period. All returned accessories, batteries, parts and PCS telephone equipment shall become the property of Motorola.

II. Warranty Conditions:

This express limited warranty is extended by Motorola to the original subscriber buyer or lessee only and is not assignable or transferable to subsequent subscriber buyers or lessees. This is the complete warranty for PCS Subscriber Radiotelephone Products by Motorola, Motorola assumes no obligation or liability for additions or modifications to this warranty unless made in writing and signed by an officer of Motorola. Unless made in separate written agreement between Motorola and you, Motorola does not warrant the installation, maintenance or service of the equipment, accessories, batteries or parts. Rechargeable batteries are warranted only if battery capacity falls below 80% of rated capacity, or the battery develops leakage. This warranty becomes void for all types of batteries if:

- a. the batteries are charged by other than Motorola approved battery charger specified for the charging of the battery.
- b. any of the seals on the battery are broken or show evidence of tampering.
- c. the battery is used in equipment or service other than the PCS radio telephone equipment for which it is specified.

Motorola cannot be held responsible in any way for any ancillary equipment not furnished by Motorola which is attached to or used in connection with Motorola's PCS Subscriber Radiotelephone Products, or for operation of our equipment with any ancillary equipment and all such equipment is expressly excluded from this warranty. Furthermore, Motorola cannot be responsible for any damage to Motorola equipment resulting from the use of ancillary equipment not furnished by Motorola for use with PCS subscriber equipment.

When the product is used in conjunction with ancillary or peripheral equipment not manufactured by Motorola, Motorola does not warrant the operation of the product /peripheral combination, and Motorola will honor no warranty claim where the product is used in such a combination and it is determined by Motorola that there is no fault with the Motorola product. Motorola specifically disclaims any responsibility for any damage caused in any way by the use of portable radiotelephone accessories and peripherals (specific examples include, but are not limited to: batteries, chargers, adapters, and power supplies) when such accessories and peripherals are not manufactured or supplied by Motorola, Motorola disclaims liability for range, coverage, availability, or operation of the PCS System which is provided by the Service Provider.

III What This Warranty Does Not Cover:

- a.** Defects or damage resulting from use of the product in other than its normal and customary manner.
- b.** Defects or damage from misuse, accident or neglect.
- c.** Defects or damage from improper testing, operation, maintenance, installation, adjustment, or any alteration or modification of any kind.
- d.** Breakage or damage to antennas unless caused directly by defects in material or workmanship.
- e.** Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
- f.** Products which have had the serial number removed or made illegible.
- g.** Defects or damage due to spills of food or liquid.
- h.** All plastic surfaces and all externally exposed part that are scratched or damaged due to customer normal use.
- i.** Products rented on a month-to-month basis.
- j.** The portable phone keypad assembly and displays are not covered after the first year.

IV How To Get Warranty Service:

To receive warranty service, present your equipment to the facility described below, along with your bill of sale or comparable substitute proof of sale or lease bearing the date of purchase, transceiver serial number, and place of purchase or installation if applicable.

Warranty service is available by returning Motorola branded Radiotelephone Products to a Motorola Service Center, authorized in writing by a Motorola Area Service Manager to perform warranty work on Motorola PCS Subscriber Radiotelephone Products. A Carrier or Distributor branded Radiotelephone Product may be returned to either

- a.** the specific service shop qualified by Motorola's National Service Center in writing and operated by or affiliated with the PCS Service Provider, or
- b.** a Motorola Authorized PCS Service Center.

In most cases the service shop which sold your PCS Radiotelephone and accessories will provide warranty service. If you need additional information, contact that shop, the customer service department of your Service Provider, or Motorola at the address at the end of this document.

The unit or accessories, together with any detachable parts such as antennas, battery packs, and chargers, must be delivered to a qualified Motorola Service Center, or a Motorola -qualified service shop, transportation and insurance prepaid. When sent or brought to the servicer, the Radiotelephone Product must be accompanied by your name, address, and telephone number, name of Service Provider, and a description of the problem.



V General Provisions:

This warranty sets forth our responsibilities regarding this product. Repair, replacement or refund of the purchase price at Motorola's option, is your exclusive remedy. This warranty is given in lieu of all other express warranties, implied warranties, including without limitation implied warranties of merchantability and fitness for a particular purpose, are limited to the duration of this limited warranty. Further, as the Service Provider is not controlled by Motorola, no warranty is made as to coverage, availability or grade of service provided by the Service Provider. In no event shall Motorola be liable for damages in excess of the purchase price of the PCS radiotelephone product, for any loss of use, loss of time, inconvenience, commercial loss, lost profit or savings or other incidental, special or consequential damages arising out of the use or inability to use such product, to the full extent such may be disclaimed by law.

VI. Patent And Software Provisions:

Motorola will defend at its own expense, any suit brought against you to the extent that it is based on a claim that the PCS Subscriber Radiotelephone Product parts infringes a United States patent, and Motorola will pay those cost and damages finally awarded against you in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following

- i. that Motorola will be notified promptly in writing by you of any notice of such claim; and
- ii. that Motorola will have sole control of the defense of such suit and all negotiation for its settlement or compromise; and
- iii. should the Radiotelephone, accessory, battery or parts become, or in Motorola's opinion be likely to become the subject of a claim of infringement of a United States Patent that you will permit Motorola, at its option and expense, either to procure for you the right to continue using the PCS Radiotelephone or parts or to replace or modify the same so that it becomes non-infringing or to grant you a credit for such PCS Radiotelephone or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the

PCS Subscriber Radiotelephone, accessories, battery or parts as established by Motorola.

Motorola will have no liability to you with respect to any claim of patent infringement which is based upon the combination of the PCS Radiotelephone or parts furnished hereunder with software, apparatus or devices not furnished by Motorola which is attached to or used in connection with the PCS Radiotelephone; nor will Motorola have any liability for the use of ancillary equipment or software not furnished by Motorola. The foregoing states the entire liability of Motorola with respect to infringement of patents by the PCS Radiotelephone, accessories, batteries or any parts thereof.

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce in copies and distribute copies of such Motorola software. Motorola software may be copied into, used in and redistributed with only the PCS Subscriber Radiotelephone Product associated with such Motorola software. No other use, including without limitation disassembly, of such Motorola software or exercise of exclusive rights in such Motorola software is permitted.

VII. State Law Rights:

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



A

Accessories	61
Accessory setup menu	56
Add entry	
To phone memory	31, 58
To SIM card memory	31, 58
Adjust ring volume	45, 58
Advice of charge	53
Automatic answer	56
Automatic lock	46
Automatic redial	18
Available networks	51

B

Bar incoming calls	40
Bar outgoing calls	39
Batteries	
Charging	11
Charging while traveling	12
Desktop charging	13
Disposal of	15
Fitting	15
Low battery warning	10
Maintenance	11
Removing	15
Battery charge indicator	10

Battery meter	35, 58
Battery saving mode	49

Blocked message	17, 47
Buttons	

Mute	9
SIM card release	9
Volume	9

C

Call barring	39
Call charge settings	55

Call forwarding	36
Call holding	38
Call metering	53
Call meters menu	53
Call related features menu	35
Call restrictions	40

Call timers	54
Call voicemail	42, 57
Call waiting	38

Calling a number	18
Calling an embedded number	43

Capacity	
Checking battery capacity	35
Checking Phone Book capacity	32

Cell broadcast	44
Messages	41

Change bar password	40
Change SIM PIN2 code	47
Change unlock code	46
Characters	30
Charge meters	

Resetting	55
Charger indicators	14

Check capacity (of the Phone Book)	32
Conference calling	22
Customizing quick access menu	59

D	
Data calls	

Accessories	61
-------------------	----

Delete	
Last ten calls	33
Message	43
Phone book entries	31

Desktop charging of your battery	13
Detailed forwarding	37

Dialing phone book numbers	19
Display	10
Display characters	30
Displaying your own phone number	33
DTX	49

E

Editing messages	42
Emergency calls	20
Ending a phone call	21
Entering characters	29
Erase name and number	31
Extended menus	25, 48

F

Fault finding	63
Fax calls	
Accessories	61
Find entry by location	31
Find entry by name	30, 57
Find new network	52
Fitting your battery	15
Fixed dialing	33
Calling numbers	33
Setting	34

Forward	
All calls	37, 58
Canceling	38, 58
Data calls	38
Fax calls	37
Voice calls	37, 58
When unavailable	37

I

In use symbol	10
Incoming calls	40
International phone calls	19



K	
Key answer only	40
Keypad cover	9
Keypad tones	
Selecting	49
L	
Language selection	48
Last ten calls	32
Lifetime timer	55
Lock now	46, 58
Low battery warning	10
M	
Making a phone call	18
Master clear	49
Master reset	49
Menu navigation	23
Menus	
Accessory setup menu	56
Call meters menu	53
Call related features menu	35
How to use	27
Messages menu	41
Network selection menu	50
Options menu	27
Personalized menus	25
Phone book menu	28
Phone setup menu	45
Quick access menu	57
Message editor	44, 58
Message settings	44
Messages	41
Call holding/call waiting messages	39
Calling an embedded number	43
Cell broadcast messages	41
Creating and editing	42
Reading SMS messages	42, 57
Sending SMS messages	43
M	
Messages menu	41
Mute button	9
Mute car radio	56
My phone number(s)	33
N	
Names	
Entering	29, 58
Finding	30, 57
Network search	51
Network selection menu	50
Networks	
Automatic search	51
Finding new networks	52
Manual search	51
New security code	48
O	
One-touch dial setting	34
One-touch dialing	58
Options menu	27
Outgoing SMS	59
P	
Pauses	
Inserting into phone numbers	19
Personal numbers	30
Personalized menu	25
Phone book	
Call number	31
Capacity	29
Deleting/erasing entries	31
Dialing phone book numbers	19
Modify name or number	31
Preventing access to	32
Storing numbers - see Add Entry	31
Phone book menu	28
Phone calls	
Automatic redial	18
Dialing phone book numbers	19
Emergency calls	20
Ending	21
International	19
Making	18
Receiving	21
Phone number	
Entering	31, 58
Finding	30, 31, 57
Phone setup menu	45
Phone status	49
PIN code	
Entering	17
Setting and changing	47
PIN2 code	47
Postscripting	29
Preferred networks	52
Prevent access (to Phone Book)	32
Q	
Quick access menu	57
Customizing	59
R	
Reading SMS messages	42
Received messages	42
Receiving a phone call	21
Redialing the last number called	19
Regulations and precautions	65
Removing your battery	15
Require SIM card PIN	47
Restrict my phone number	36, 59
Return call	43
Ring or vibrate	45

Ringer tones	46	Symbols	10
Roam symbol	10		
S			
Safety	5		
Safety timer	56		
Security code			
Changing	48		
Select keypad tones	49		
Sending SMS messages	43		
Service center	44		
Set audible call timers	54		
Set in-call display	54		
Set ringer tone	46		
Setup fixed dialing	34		
Short menus	25		
Short Message Services (SMS)	41		
Messages	41		
Sending	43		
Symbol	10		
Show battery meter	35, 58		
Show call charges	53, 59		
Show call timers	54, 58		
Show last calls received	58		
Show my phone number	59		
Signal strength symbol	10		
SIM card			
Insertion	16		
PIN code	17, 47		
PIN2 code	47		
Release button	9		
Removal	16		
SMS messages	41		
Special keys	9		
Status review	49		
Switching between line 1 and 2	59		
T			
Timers	54		
Tones			
Selecting keypad tones	49		
Setting ringer tones	46		
Setting ringer tones on line 2	46		
Travel charger	12		
Troubleshooting	63		
U			
Unlocking your phone	47		
Unconditional call forwarding	58		
Unlock code			
Entering	17		
Setting and changing	46		
V			
VibraCall	46, 58		
Voicemail			
Calling	42		
Number	44		
Voicemail symbol	10		
Volume			
Adjusting the earpiece and keypad volume	9		
Adjusting the ringer volume	45		
Buttons	9		
W			
Warranty information	68		
What to do if...	63		



Index

A

Accessories.....	61
Accessory setup menu	56
Add entry	
To phone memory	31, 58
To SIM card memory	31, 58
Adjust ring volume	45, 58
Advice of charge	53
Automatic answer	56
Automatic lock	46
Automatic redial.....	18
Available networks	51

B

Bar incoming calls.....	40
Bar outgoing calls.....	39
Batteries	
Charging	11
Charging while traveling	12
Desktop charging.....	13
Disposal of.....	15
Fitting	15
Low battery warning	10
Maintenance.....	11
Removing	15

Battery charge indicator.....	10
Battery meter	35, 58
Battery saving mode	49
Blocked message	17, 47
Buttons	
Mute	9
SIM card release.....	9
Volume.....	9

C

Call barring	39
Call charge settings.....	55
Call forwarding	36
Call holding	38
Call metering	53
Call meters menu.....	53
Call related features menu	35
Call restrictions	40
Call timers.....	54
Call voicemail.....	42, 57
Call waiting.....	38
Calling a number	18
Calling an embedded number	43
Capacity	
Checking battery capacity.....	35
Checking Phone Book capacity	32
Cell broadcast	44
Messages	41
Change bar password	40
Change SIM PIN2 code	47
Change unlock code	46
Characters	30
Charge meters	
Resetting	55
Charger indicators	14
Check capacity (of the Phone Book)	32
Conference calling	22
Customizing quick access menu	59

D

Data calls	
Accessories	61
Delete	

Last ten calls.....	33
Message	43
Phone book entries	31
Desktop charging of your battery	13
Detailed forwarding	37
Dialing phone book numbers	19
Display	10
Display characters	30
Displaying your own phone number	33
DTX	49

E

Editing messages	42
Emergency calls	20
Ending a phone call	21
Entering characters	29
Erase name and number	31
Extended menus	25, 48

F

Fault finding	63
Fax calls	
Accessories	61
Find entry by location	31
Find entry by name	30, 57
Find new network.....	52
Fitting your battery	15
Fixed dialing	33
Calling numbers	33
Setting	34

Forward

All calls.....	37, 58
Canceling	38, 58
Data calls	38
Fax calls.....	37

Voice calls	37, 58	Message settings	44
When unavailable	37	Messages	41
I		Call holding/call waiting messages	39
In use symbol	10	Calling an embedded number	43
Incoming calls	40	Cell broadcast messages	41
International phone calls	19	Creating and editing	42
K		Reading SMS messages	42, 57
Key answer only	40	Sending SMS messages	43
Keypad cover	9	Messages menu	41
Keypad tones		Mute button	9
Selecting	49	Mute car radio	56
L		My phone number(s)	33
Language selection	48	N	
Last ten calls	32	Names	
Lifetime timer	55	Entering	29, 58
Lock now	46, 58	Finding	30, 57
Low battery warning	10	Network search	51
M		Network selection menu	50
Making a phone call	18	Networks	
Master clear	49	Automatic search	51
Master reset	49	Finding new networks	52
Menu navigation	23	Manual search	51
Menus		New security code	48
Accessory setup menu	56	O	
Call meters menu	53	One-touch dial setting	34
Call related features menu	35	One-touch dialing	58
How to use	27	Options menu	27
Messages menu	41	Outgoing SMS	59
Network selection menu	50	P	
Options menu	27	Pauses	
Personalized menus	25	Inserting into phone numbers	19
Phone book menu	28	Personal numbers	30
Phone setup menu	45	Personalized menu	25
Quick access menu	57	Phone book	
Message editor	44, 58	Call number	31
		Q	
		Quick access menu	57
		Customizing	59
		R	
		Reading SMS messages	42
		Received messages	42
		Receiving a phone call	21
		Redialing the last number called	19



Regulations and precautions.....	65
Removing your battery	15
Require SIM card PIN	47
Restrict my phone number.....	36, 59
Return call	43
Ring or vibrate.....	45
Ringer tones	46
Roam symbol.....	10
S	
Safety	5
Safety timer.....	56
Security code	
Changing.....	48
Select keypad tones.....	49
Sending SMS messages	43
Service center	44
Set audible call timers.....	54
Set in-call display	54
Set ringer tone	46
Setup fixed dialing.....	34
Short menus.....	25
Short Message Services (SMS).....	41
Messages.....	41
Sending	43
Symbol	10
Show battery meter.....	35, 58
Show call charges.....	53, 59
Show call timers	54, 58
Show last calls received	58
Show my phone number	59
Signal strength symbol	10
SIM card	
Insertion	16
PIN code	17, 47
PIN2 code	47
T	
Timers.....	54
Tones	
Selecting keypad tones	49
Setting ringer tones	46
Setting ringer tones on line 2	46
Travel charger	12
Troubleshooting	63
U	
Unblocking your phone	47
Unconditional call forwarding	58
Unlock code	
Entering	17
Setting and changing	46
V	
VibraCall	46, 58
Voicemail	
Calling.....	42
Number	44
Voicemail symbol	10
Volume	
Adjusting the earpiece and keypad volume.....	9
Adjusting the ringer volume	45
Buttons	9
W	
Warranty information.....	68
What to do if...	63